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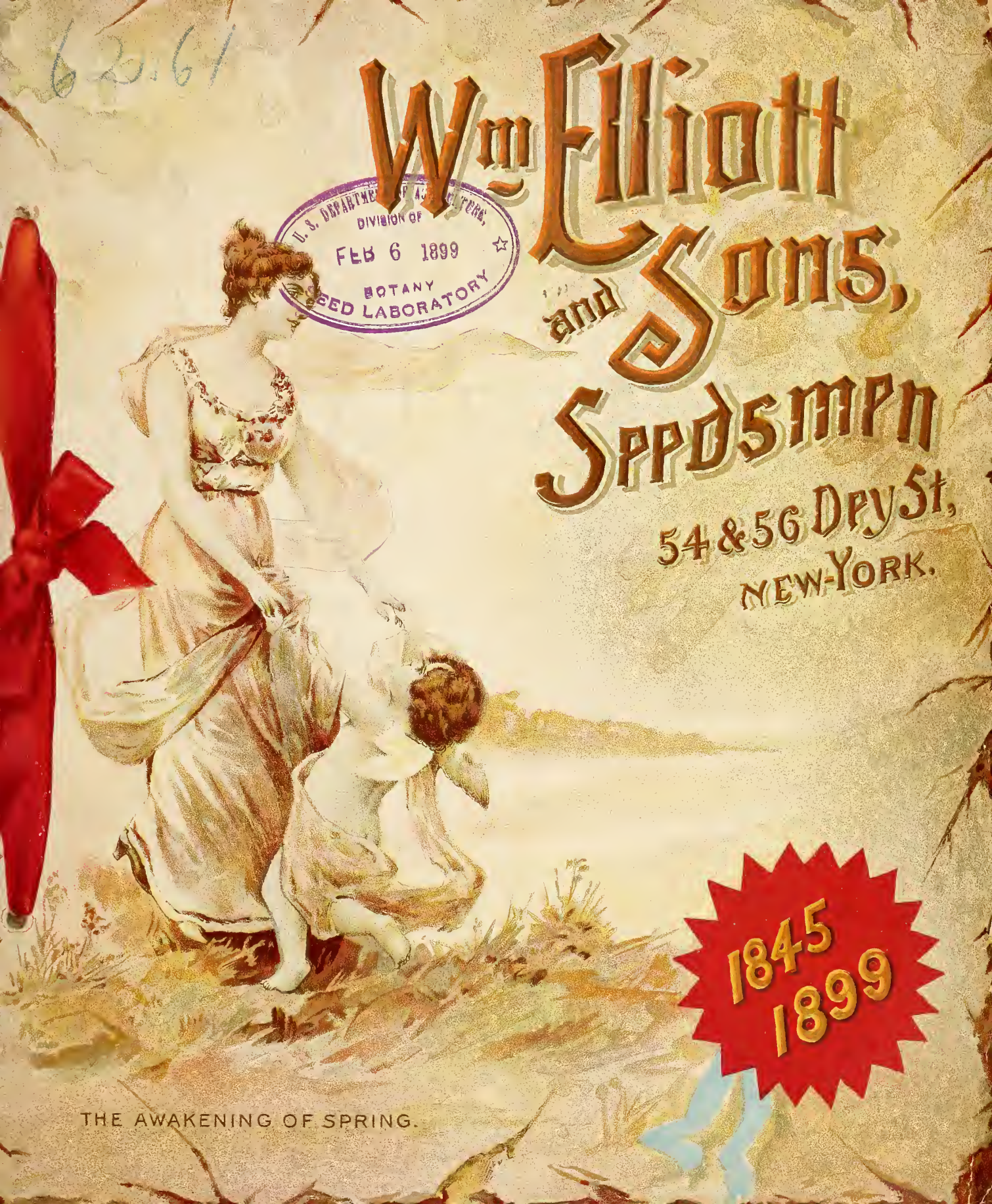
# Wm Elliott and Sons,

## Seedsmen

54 & 56 Dey St,
New-York.

U.S. DEPARTMENT OF AGRICULTURE,
DIVISION OF
FEB 6 1899
BOTANY
SEED LABORATORY

1845
1899



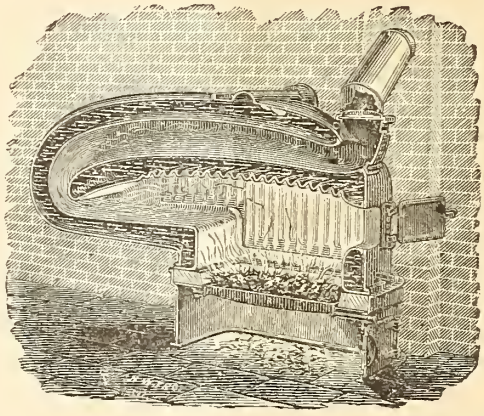
THE AWAKENING OF SPRING.

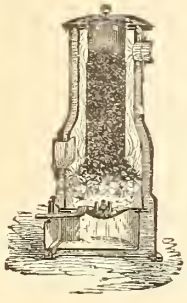
# HITCHINGS & CO.

(ESTABLISHED 50 YEARS.)

LARGEST MANUFACTURERS OF

## Greenhouse Heating and Ventilating Apparatus

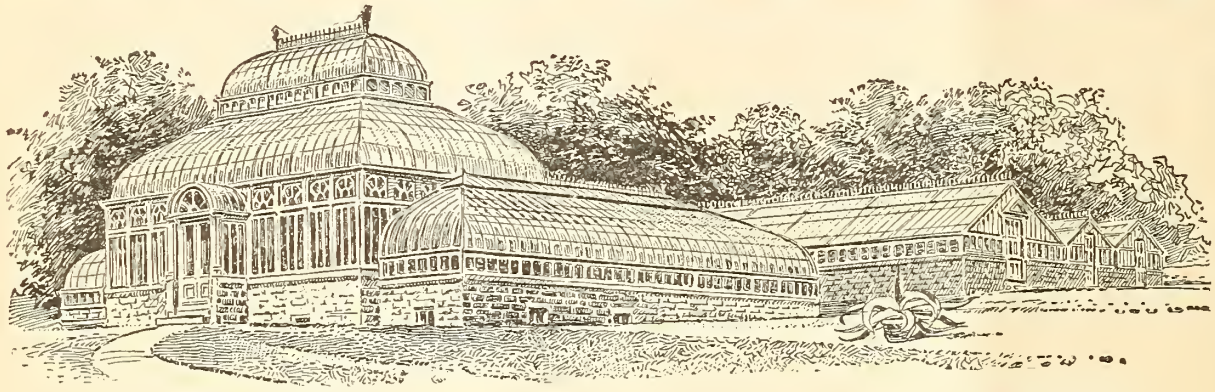




HORTICULTURAL ARCHITECTS AND BUILDERS

Corrugated Fire Box Boilers for Large Greenhouses, Graperies, Conservatories, etc.

Base Burning Water Heaters for Small Greenhouses, Conservatories, etc.



THE HIGHEST AWARDS RECEIVED AT THE WORLD'S FAIR FOR HORTICULTURAL ARCHITECTURE, GREENHOUSE CONSTRUCTION AND HEATING APPARATUS

## Greenhouses, Graperies, Rosehouses, Conservatories, Etc.

CONSTRUCTED WITH IRON RAFTERS, PURLINS, BRACKETS AND COLUMNS

Making Light, Strong and Durable Structures

ESTIMATES FURNISHED FOR HOUSES COMPLETE, OR FOR THE STRUCTURAL IRON WORK ONLY, WITH PLANS, DETAILS AND FULL INSTRUCTIONS TO ENABLE LOCAL BUILDERS TO ERECT SAME.

Send 3 Cents Postage for Illustrated Catalogues.

# HITCHINGS & CO.

233 MERCER ST., NEW YORK

# WM. ELLIOTT & SONS'

# SEED ANNUAL

FOR

# ...1899...

An Exhaustive Treatise on What to Buy and How to Grow Flower and Vegetable Seeds.

## To Our Customers .....

### When to Order.

We endeavor, when placing our Catalogue in the hands of our regular customers, early in January, to have our stock of seeds, etc., complete in every respect; and those of our patrons who favor us with their orders at an early date are sure of receiving prompt and careful attention, and assist us in reducing the heavy strain which always occurs as the season advances. Order early and avoid delays.

### Dispatch of Orders.

All orders will be promptly dispatched on their receipt, or a reason given for their non-fulfillment. Plant orders are sometimes delayed by severe weather, and they at all times take longer to execute than orders for Seeds and Bulbs.

### Free by Mail.

All Flower and Vegetable Seeds in packages, ounces and ¼ pounds, will be forwarded free by mail when so desired, at prices quoted in this catalogue. When ordering Peas, Beans, Corn or Seeds at pound rates by mail, add as follows to cover cost of mailing: Corn, 10 cts. per quart; Beans and Peas, 15 cts. per quart; all seeds at pound rate, 8 cts. per pound.

### Safe Delivery of Orders.

We guarantee the safe delivery in good condition of orders in all cases. If a package is lost we will replace it as soon as informed of the fact. It sometimes happens that orders never reach us or are without a signature. When customers fail to receive their goods in a reasonable time they should inform us and, at the same time, send a copy of their order.

### Remittances

Remittances may be made *at our risk*, by Bank Draft, Post Office Money Order, Express Order, or Registered Letter. Small amounts may be sent by ordinary mail, and postage stamps can always be used by us to advantage.

### Tested Seeds.

We have always made it a stringent rule that all seeds should be tested prior to shipment. We have hitherto found this method one of success, and have therefore been enabled to ensure greater confidence in our friends by so doing.

### We Guarantee.

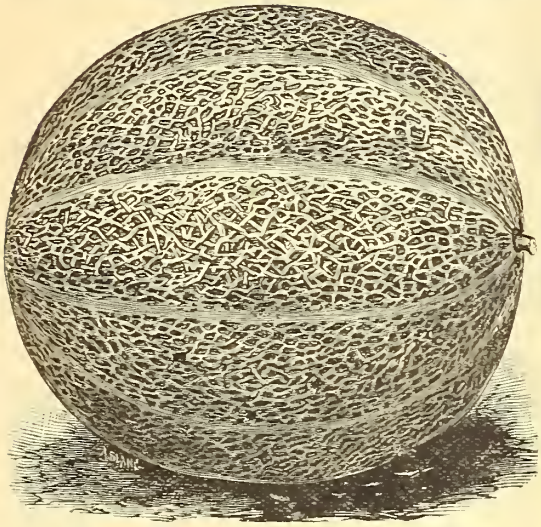
That all seeds sold by us shall prove to be as represented, to this extent, that should they prove otherwise we will replace them or send other seeds to the same value. But we cannot guarantee the crop any further than the above offer, as there are so many causes which operate unfavorably in the germination of seeds and maturity of the crop, over which we have no control. We can only undertake, therefore, to use our utmost care and skill in this matter, and cannot warrant any article, nor undertake any responsibility in case of failure or disappointment.

**If the purchaser does not want to accept the goods on these terms he must return them.**

### Gardeners.

We keep a register of gardeners seeking situations, and we shall be pleased to assist our customers who at any time require the assistance of practical men.

# Novelties and Specialties in Vegetable Seeds.



## NEW MUSK MELON.

### PAUL ROSE.

This new Melon is obtained by a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former together with the fine netting of the Gem. The flesh is extremely thick, of a distinct rosy salmon color, and extremely small seed cavity. In size and shape it is uniform, averaging in diameter about five inches and weighing about one and one-half pounds each. As a shipping and long-keeping Melon it is unsurpassed, and in market has proven extremely popular, always finding ready sale even when Melons have been a drug in the market. Price, pkt, 10c; oz., 30c.; ¼ lb., $1.00.

## MUSK MELON.

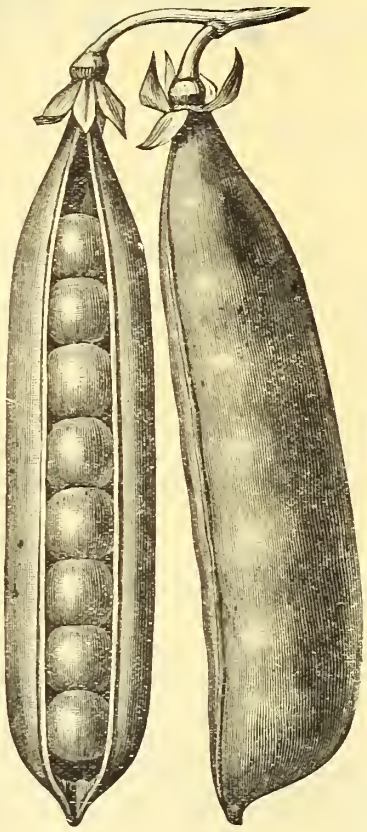
### PERFECTED DELMONICOES.

This Melon is almost perfect globe shape; the skin is grayish green until ripe, when it changes to bright yellow. The ribs are wide and prominently netted. In size the Melons are small, usually about six inches in diameter, with very little seed capacity. The flesh is a deep orange-yellow color, fine grained and delicately flavored. A robust grower and very prolific. (See colored plate.) Price, pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.

## CAULIFLOWER.

### ELLIOTT'S EARLY SNOWBALL.

Our stock of this excellent variety is grown for us by one of the best Danish growers, and our strain has in the past seasons given excellent results among our many customers. We do not hesitate in saying that we are positive you will find our strain of Snowball Cauliflower equal to stock offered by any of our competitors. This sort will be found dwarf and compact in growth, the heads large, snow-white and of superior quality, the outer leaves short and few, allowing of close planting; also one of the very earliest and most reliable sorts. (See colored plate.) Price, pkt, 25c.; ¼ oz., 75.; oz., $2.25.



## New . . . Extra Early Wrinkled Pea.

### GRADUS.

This new Pea comes to maturity with the smooth, round, extra early varieties. but is far superior in size of both pods and peas, also in quality. The vines are heavy, with large dark green leaves, and grow about three feet high. The pods are uniformly large, measuring four to five inches long, and well filled with delicious rich flavored peas, equal in size and quality to those of the Telephone, American Champion, etc. A trial of this Pea will convince all of its sterling merit, and we are sure all will appreciate its rare qualities. Price, ½ pint, 25c.; pint, 40c.; quart, 65c.

## TOMATO.

### ELLIOTT'S FIRST EARLY.

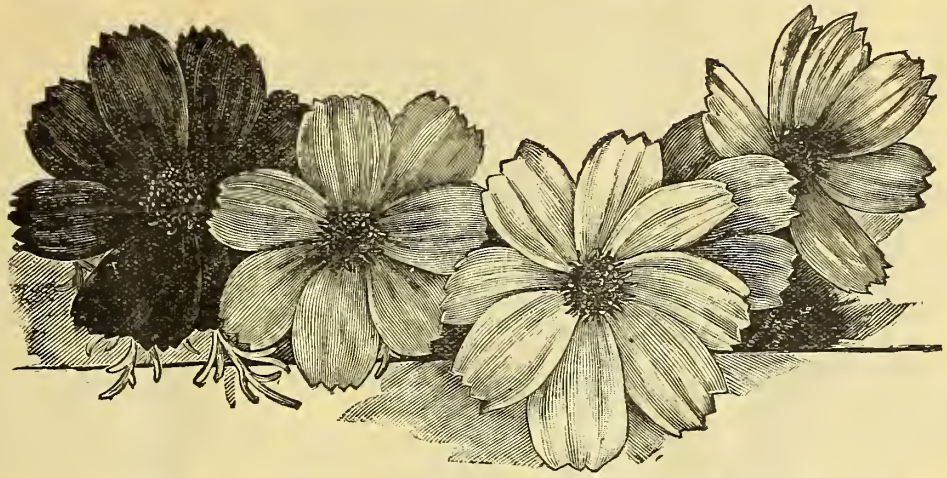
The earliest Tomato in cultivation; the fruit is large, smooth, bright red in color, and retains its size well into the season. The flesh is thick and there are extremely few seeds; also free from hard cores. Highly recommendable for the home garden. Price, pkt, 10c.; oz., 30c.; ¼ lb.. $1.00.

## TOMATO.

### HONOR BRIGHT.

A new and distinct variety, and undoubtedly the heaviest yielding, longest keeping and best shipping sort in cultivation. In solidity it is unrivalled, being so firm as to permit of shipping in barrels, the same as apples. The changes in color the fruit undergoes in development are also distinct—from light green it changes to a waxy white, then to lemon, followed by a beautiful red. When the fruit is picked in the early stage and stored in a cool place it is easily kept from two to four weeks. Price, pkt, 10c.; ¼ oz.. 25c.; oz., 40c.

# Novelties and Specialties in Flower Seeds.



## LATE BRANCHING ASTERS.

For several years this class of Asters have grown steadily in favor, and with the increased variety of colors they should certainly be placed first among this class of flowers. In season of bloom they are later than other sorts and fill a period between the standard types of Asters and the Chrysanthemum, and in fact they are so well formed and of such exquisite beauty as to be quite generally mistaken for Chrysanthemums. The loose, graceful appearance of the bloom and the long, stiff stems render this variety of unexcelled value as a cut flower.

**Pure White**.....package, 10 cents.
**Lavender**..... " 10 "
**Crimson**..... " 10 "
**Shell Pink**.....package, 10 cents.
**Purple**..... " 10 "
**Mixed Colors**..... " 10 "

**One packet each, 5 separate colors, - 35 cents.**

## SINGLE FLOWERING ASTERS

It is well known that single flowers have more brilliant and purer colors than double ones, and it is not surprising that the taste for them has been steadily increasing. The single flowering Asters are a valuable addition to the list. They form globular plants and carry on long stout stalks a mass of star-shaped flowers which appear early and continue late into the autumn. Very effective in beds or borders and offer a pleasing change to the innumerable double sorts.

**Mixed Colors. 10 cts. per packet; 3 packets for 25 cts.**

## PRIMULA OBCONICA.

**Fimbriata Grandiflora.**

A fringed variety of the well-known large flowering Primula Obconica, and like that sort is a profuse blooming and easily grown sort. The flowers are as finely fringed as the Chinese fringed Primrose and are delightfully fragrant, borne on long stems which render them valuable for cutting and of excellent keeping qualities; also much valued for a pot plant. Per package, 20c.

## ALYSSUM. Cloak of Ermine.

The most dwarf of all Alyssum, growing only 2 to 3 inches high, branching in habit and completely covered with pure white trusses of flowers. Much more dwarf than the Little Gem, and in growth it is so uniform as to resemble a covering of snow. Excellent for beds, borders or pots.

**Per packet**.....**10 cents.**

## DOUBLE FLOWERING CYCLAMEN.

A valuable acquisition will be found in this really double flowering Cyclamen. The flowers of this double flowering strain are more beautiful than the single, each flower having usually 8 to 10 petals and often 12 to 15 which are more spreading than single varieties. There is the same range of colors as in the single, and like all double flowers they remain longer in perfection than the singles, the blooming season lasting fully 3 months.

**Per package**.....$ .35
**Three packages**....., 1.00

## NEW EARLY FLOWERING COSMOS.

The Cosmos has gained rapidly in favor of late years until they are now universally considered "The Glory of Autumn." Owing to the lateness of flowering in the Northern States, many have not enjoyed its full beauty, as the plants were many times destroyed by frost before they had reached their full glory of bloom. To overcome this failing prominent specialists have improved upon the Cosmos until now this very satisfactory strain of **Early Flowering Cosmos** is offered. The plants are more dwarf than those of the ordinary variety, forming a compact bush about 4 feet high, and commence blooming in June, increasing gradually until they reach their perfection in August. The foliage is of exceptional beauty and the plants form a beautiful appearance before they commence blooming, the foliage is also excellent for cutting, as it forms a light, airy appearance when arranged among cut flowers.

**Mixed Colors**.....**per package, 10 cents.**

# Novelties and Specialties in Flower Seeds.—Continued.

## ELLIOTT'S GEM SWEET PEA COLLECTION.

In this collection will he found the very best standard varieties, and in our selection we have endeavored to produce a large range of colors—those sorts making strong growth, free and large flowering, also the best and most distinct of their respective color. The extremely low price at which we supply this collection should induce planting of separate colors in preference to mixtures.

**Blanche Burpee**..... Pure white, very large.
**Blanche Ferry**..... Pink and white.
**Bronze King**..... Coppery bronze, white wings.
**Captivation**..... Wine color.
**Celestial**..... Pale lavender blue.
**Dorothy Tennant**..... Rosy heliotrope, darkening with age.
**Firefly**..... Bright scarlet.
**Gray Friar**..... White clouded reddish lilac.
**Her Majesty**..... Bright rose.
**Katherine Tracy**..... Light rose.
**Lottie Eckford**..... Lavender shaded pink and white.
**Mrs. Eckford**..... Primrose yellow.
**Mrs. Jos. Chamberlain**..... Pink and white striped.
**Orange Prince**..... Bright orange pink flushed scarlet.
**Stanley**..... Maroon.

**Collection one package each above 15 separate varieties, 50c.**
**Collection one ounce each above 15 separate varieties, $1.00.**
**Post paid by mail.**

## MAMMOTH EVER-BLOOMING HOLLYHOCK.

**Allegheny.**

An entirely new departure in this grand old garden favorite. Free and persistent in blooming, as it commences in June and continues until frost. The flowers are of mammoth size, 5 to 7 inches in diameter and gracefully formed of loosely arranged fringed petals which look as though made from the finest China silk, and when cut are hardly recognizable as a Hollyhock, having none of the formality of the ordinary Hollyhock. The colors range from the most delicate shell pink to dark red. Mixed colors, per package, 15c.; 2 packages, 25c.

## MIGNONETTE, NEW YORK MARKET.

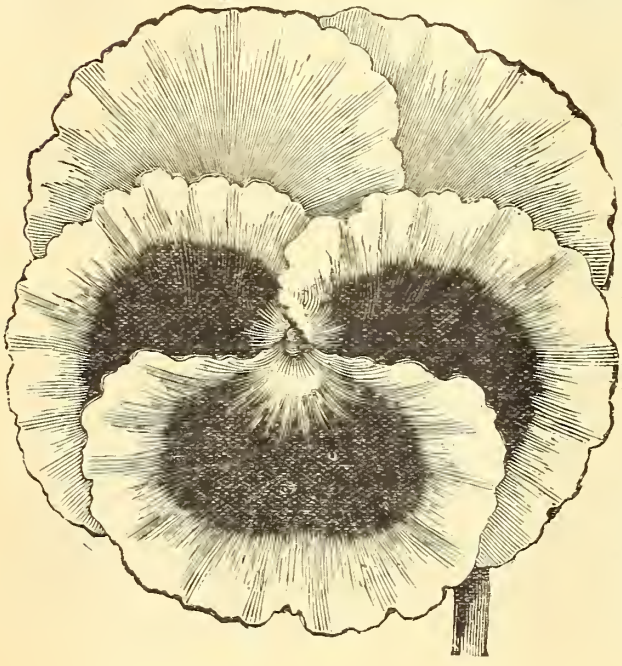
This strain is without doubt the finest Giant Mignonette for exhibition purposes on the market to-day. The heads are extremely long and densely filled, not showing the ragged appearance of many of the exhibition sorts. Its superb fragrance, size and excellence in form has been noted with the highest approval wherever exhibited. Per package, $1.00.

MIGNONETTE.

## MORNING GLORY.

**Imperial Japanese.**

The charm of these "Imperial Japanese Morning Glories" lies in the beauty and gigantic size of the flowers, which measure from 4 to 6 inches across, and their greater substance. The colors of the flowers, shadings and markings are limitless; some are of a deep rich velvety tone, others daintily tinted and shaded. The vines are of strong and robust growth, attaining a height of 30 to 50 feet. If you have been inclined to look upon Morning Glories as too common, give this new class a trial, and secure a climber of more than ordinary attraction. Per package, 10c,; 3 packages, 25c.



## PANSY.—Elliott's Special Blended Mixture.

Each season we are adding to this mixture the new varieties as they come before the public, and from year to year this mixture will be found abreast with the times. Special strains perfected by the world's Pansy specialists and all the leading popular sorts—those of distinct colors, rich and velvety hues. Cassier's and Bugnot's gorgeous three and five spotted, the magnificent French Stained, grand English show varieties and Trimardeau Giants will be found in this excellent mixture. A more magnificent array of rich and rare colorings than those contained in the Blended Mixture cannot be procured. Price, per pkt, 25c.

1. CAULIFLOWER EARLY SNOWBALL „ 25
2. LEEK AMERICAN FLAG „ 5
3. LETTUCE PERFECTED SALAMANDER „ 5
4. TOMATO ELLIOTT'S FIRST EARLY „ 10
5. MUSK MELON DELMONICO „ 10

**1 PACKAGE EACH 50¢**

# COLLECTIONS OF VEGETABLE SEEDS.

FOR THE

## AMATEUR AND CITY GARDEN,
## COTTAGE GARDEN,
## COUNTRY HOME GARDEN.

### A COMPLETE GARDEN AT MODERATE COST.

We are this season offering the following collections to meet the demand of many of our customers who prefer trusting to our judgment regarding varieties and quantities rather than read through the extensive list contained in our catalogue. We give you the advantage of our many years' experience and the varieties and quantities will be found to meet the general requirements for such gardens as indicated and suited to the wants of a majority of people who do not care for novelties. The seeds put up in these collections are the same as though selected from our catalogue and the **great reduction in price** is given on account of our being able to make up the collections in quantity before the season opens and in view of the price **we cannot allow of alterations,** however, should there be varieties you do not care for you can afford to discard such and still procure your seeds at less than catalogue rates.

## Amateur and City Garden Collection.

**Price $1.00 or mailed free for $1.25.**

(Value if selected separately, $1.40.)

- ½ pt. Beans, Bush Snap, green pod.
- ½ " " " " yellow pod.
- ½ " " Dwarf or Bush Lima.
- 1 pkt. Beet, round red.
- 1 " Cabbage, All Seasons.
- 1 " Carrot, Early Scarlet.
- ½ pt. Corn, Early Sugar.
- 1 pkt. Cucumber.
- 1 " Egg plant.
- 1 " Lettuce, Summer Head.
- 1 " Melon, Musk, Best Early.
- 1 " Onion, White, Early.
- 1 " Parsnip, Long White.
- ½ pt. Peas, Earliest Dwarf.
- ½ pt. Peas, Medium, Early Dwarf.
- ½ " " Late Dwarf.
- 1 pkt. Parsley, Moss Curled.
- 1 " Radish, Early Round.
- 1 " Squash, Bush variety.
- 1 " Tomato, Early Red.
- 1 " Turnip, Early Round.

## Cottage Garden Collection.

**Price $2.50. Express charges to be paid by purchaser.**

(Value if selected separately, $3.50.)

- 2 pts. Beans, Bush Snap, green pod.
- 2 " " " " yellow pod.
- ½ " " " Lima.
- 1 " " Pole or Climbing.
- 2 pkts. Beet, Early and Late, round red.
- 2 " Cabbage, Early and Late.
- 1 " Carrot, Early Scarlet.
- 2 " Cucumber for slicing & Pickling.
- 1 " Celery, Best Self-blanching.
- 2½ pts. Corn, Early & Late.
- 1 pkt. Egg Plant.
- 1 " Leek for soups.
- 2 " Lettuce, Early Head & Best Summer.
- 2 " Melons, Musk & Water.
- 1 " Okra, Dwarf.
- 2 " Onion, White & Red.
- 1 " Parsley, Best garnishing.
- 1 " Parsnip, Long White.
- 3 qts. Peas, Early, Medium & Late.
- 1 pkt. Pepper, Large.
- 1 " Pumpkin for pies.
- 1 " Radish, Best Sorts.
- 1 " Spinach, Best Summer.
- 2 " Squash, Summer & Fall.
- 1 " Tomato, Early Red.
- 1 " Turnip, Round White.

## Country Home Garden.

**Price $5.00. Express charges to be paid by purchaser.**

(Value if selected separately, $7.25.)

- 2 qts. Beans, Bush Snap, green pod.
- 2 pts. " " " yellow pod.
- 1 " " or Dwarf Lima.
- 1 " " Pole Lima.
- 1 " " " Snap.
- 2 oz. Beet, Early & Late, Round Red.
- 3 qts. Corn, Early, Medium & Late.
- 1 pkt. Cauliflower, Snowball.
- 1 oz. Carrot, Early Scarlet.
- 1 pkt. Corn Salad.
- ¼ oz. Celery.
- 3 pkt. Cabbage, Esrly, Medium & Late.
- 2 oz. Cucumber, Slicing & Pickling.
- 1 pkt. Egg Plant.
- 1 " Endive, White.
- 1 " Kohl Rabi.
- 1 " Kale Dwarf, Green Curled.
- 2 " Lettuce, Early & Summer Head.
- 1 " Leek, Broad Leaf.
- 4 " Melons, 2 Musk 2 Water.
- 1 " Nasturtium for pickling.
- 1 " Okra, Dwarf.
- 2 oz. Onion, White & Red.
- 1 " Parsnip, Long White.
- 1 pkt. Parsley, Moss Curled.
- 1 " Pepper, Large.
- 6 qts. Peas, Extra Early, Medium & Late.
- 1 pkt. Pumpkin for pies.
- 2 oz. Radish Best Sorts.
- 1 " Spinach, Summer.
- 1 pkt. Salsify, White.
- 2 oz. Squash, Summer & Winter.
- 2 pkts. Tomato, Extra Early & Main crop.
- 2 oz. Turnip, White & Yellow.


# AMERICAN GARDENING,

A WEEKLY ILLUSTRATED

Journal of Horticulture and Gardeners' Chronicle.

A complete Magazine, covering the whole field of.... HORTICULTURE and . . . . . FLORICULTURE

SUBSCRIPTION PRICE, $1.50 PER YEAR.

Sample Copy Free.

Published by JAMES W. WITHERS,

136 Liberty Street, NEW YORK.

# WM. ELLIOTT & SONS'

## LIST OF CHOICE

# VEGETABLE SEEDS

We desire to call the particular attention of our friends and patrons to the following List of Vegetable Seeds, which will be found to embrace all the leading and most popular varieties in cultivation, including all novelties of merit.

**We exercise the greatest care in the selection of our stocks of Vegetable Seeds, discarding all varieties that in our experience have proved unworthy of cultivation.**

**All our Vegetable Seeds are true to name, and their germinating qualities having been effectually tested, they are confidently offered as being THE VERY BEST THAT CAN BE PROCURED.**

**See pages I to IV for Novelties and Specialties.**

---

**WE DELIVER FREE** on all Vegetable Seeds in packages, ounces and quarter pounds, when ordered by mail from this Catalogue.

We charge postage on bulk quantities when ordered by mail, at 8 cts. per pound on half pound or over; also Peas and Beans, 15 cts. per quart, Corn, 10 cts. per quart.

Unless postage is sent with mail orders for these items we shall be obliged to reduce quantities to make up the deficiency.

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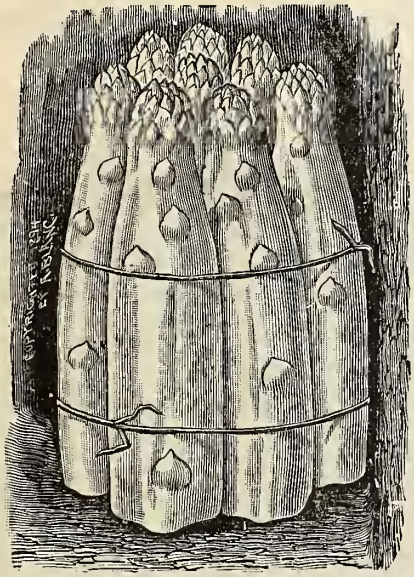


COLUMBIAN MAMMOTH WHITE ASPARAGUS.

## ASPARAGUS.

German, *Spargel.*—French, *Asperge.*—Spanish, *Esparragos.*

*One ounce will sow 40 feet of drill.*

Sow the seed early in spring in drills, 15 inches apart; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds. Plant for private use in rows 2 feet apart, and allow 12 inches in the row. Set the plants at least 6 inches below the surface. For market on a large scale set 4 by 2 feet to allow the use of a horse and cultivator.

If the plot is made sufficiently rich when the plants are set, they will make a large growth the first summer, and the shoots may be cut from them the succeeding year. At the approach of winter cover liberally with manure, fork early in spring, and apply a dressing of salt at rate of 600 lbs. per acre.

**Columbian Mammoth White.** Shoots of the largest size, clear white without the process of blanching. Superior in flavor and tenderness. Price per packet, 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00. Two-year old roots, $1.50 per 100; $7.00 per 1,000.

**Conover's Colossal.** Of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ½ lb., 15 cts.; lb., 35 cts. Two-year old roots, $1.00 per 100; $6.00 per 1,000.

**Barr's Mammoth.** Extra large and fine variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb, 60 cts. Two-year old roots, $1.00 per 100; $6.00 per 1,000.

**Palmetto.** Productive and very desirable. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts. Two-year old roots, $1.00 per 100; $6.00 per 1,000.

## ARTICHOKE.

Sow early in the spring in drills an inch and a half deep, and 1 foot apart. The next spring transplant to permanent beds, in rows or hills, 3 feet apart, and 2 feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue in bearing for several years. The edible portion is the undeveloped flower head.

**Large Green Globe.** Per pkt., 5 cts.; oz , 30 cts.

**Large Paris.** Per pkt,, 10 cts.; oz., 40 cts.

**Jerusalem Artichoke.** Distinct from above, and is propagated by and for its tubers, which are used for pickling. Quart, 20 cts ; peck, $1.25; bu., $4.00; 2 lbs. by mail, 50 cts.

REFUGEE WAX BEANS.

## BEANS, DWARF OR BUSH.

German, *Bohne.*—French, *Haricot.*—Spanish, *Frijorenano.*

*One quart will plant 100 feet of drill.*

*Special rates by the bushel to Market Gardeners and Truckers*

Bush beans may be had in fine condition throughout the season by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills 3 feet apart, and 1 inch deep.

**Extra Early Red Valentine.** Productive, tender and succulent, and of fine flavor; about ten days earlier than Early Valentine; remains longer in the green state than most of the varieties. Per pt., 15 cts.; qt., 25 cts.; pk., $1.75.

**Early Mohawk.** Very early, hardy, productive and of rich flavor; extensively planted in the Southern States for shipping to Northern markets. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50; bu., $5 00.

**Extra Early Refugee.** Very tender and productive; the best variety for pickling; a great improvement on the old Refugee. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50; bu., $5.00.

**Low's Champion.** Very productive, with perfectly stringless, large green, flat pods. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

**Warren.** This new bean is pronounced by good authority to be one of the richest flavored bush beans in cultivation; vigorous and upright in growth and very productive. Per pt., 20 cts.; qt., 25c ; pk., $1.50.

**Green Flageolet (Wonder of France).** The best of the newer dwarf French varieties; the pods are long and straight. The beans are bright green, retaining their fresh appearance when cooked. Per pt., 15 cts.; qt., 30 cts.; pk. $1.75.

**Dwarf Horticultural.** A bush variety of the well-known horticultural Pole Bean. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

**Newington Wonder.** Very productive, pods crisp and tender; a valuable variety for forcing. Per pt., 15 cts.; qt , 30 cts.;

**Early China.** An old standard variety that is very early. Per pt., 15 cts.; qt., 25 cts.; pk., $1 25.

**Long Yellow Six Weeks.** A very early, prolific and excellent variety. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25; bu., $4.50

**Large White Kidney.** Excellent as a Shell Bean, green or ripe. Per pt., 15 cts.; qt., 25 cts.; pk., $1.00.

### Dwarf Wax Varieties.

**Improved Golden Wax.** A valuable improvement on the old Golden Wax; very early and entirely stringless; pods very long, tender, brittle and of delicate flavor. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50; bu., $5.50.

**Black Wax, or Butter.** One of the most desirable varieties grown. The pods are translucent, waxy-yellow and stringless. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50; bu., $5.50.

**White Wax.** One of the best for family use. Stringless waxy-yellow pods, very brittle, tender and of delicious flavor. Per pt., 20 cts.; qt., 30 cts.; pk., $1.75.

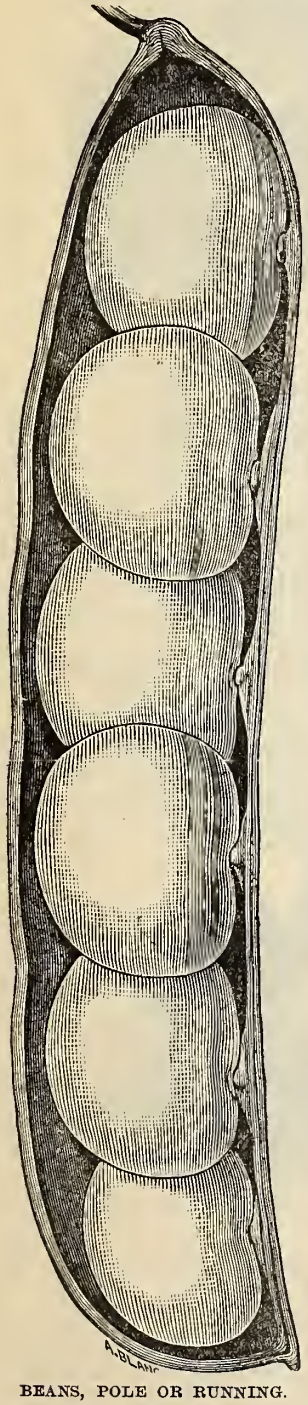
**Flageolet Wax.** One of the best wax sorts; early, very productive, with pods one-third longer than any other variety of Wax Beans. Per pt., 15c.; qt., 30 cts.; pk. $1.50.

**Wardwell's Dwarf Kidney Wax.** Extra early; purely wax pods, long, flat and remarkably free from rust. Per pt., 15 cts.; qt., 30 cts.; pk., $1.50.

BURPEE'S BUSH LIMA BEANS.

BEANS—*Continued.*

**Yosemite Mammoth Wax.** The pods of this variety often attain the length of 10 to 12 inches and the thickness of a man's finger. Entirely stringless, rich golden color, enormously productive and excellent quality. Per pt., 20 cts.; qt., 35 cts.; pk., $2.25.



BEANS, POLE OR RUNNING.

**Refugee Wax.** This is a perfect Refugee bean with golden yellow pods. Suitable for early or late sowing. An immense yielder. Per pt., 20 cts.; qt., 30 cts.; pk., $1.25.

## DWARF LIMA VARIETIES.

**Burpee's Bush Lima.** This is a perfect bush form of the *Large Lima Bean.* Bushes grow from 18 to 20 inches high, robust and always erect. Per pt., 25 cts.; qt., 30 cts.; pk., $2.00.

**Henderson's Bush Lima.** A bush form of the Sevia Lima. Very productive and earlier than the Burpee's but a smaller bean. Per pkt., 10 cts.; pt., 20 cts.; qt., 30 cts.; pk., $2.00.

## BEANS, POLE OR RUNNING.

German, *Stangen-Bonhnen.*—French, *Haricot á Rames.*—Spanish, *Judias.*

*One quart will plant about 150 hills.*

The planting of the various sorts of Pole Beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas, being very tender, will do better if not planted in the open ground before the first of June. Plant in hills about 3 feet apart and 1 or 2 inches deep, using 5 or 6 seeds to each hill, and set a pole firmly in the centre. Manure liberally in the hill with well composted fertilizer. Thin the plants, leaving three in each hill. Beans of a flat shape should be placed in the soil with the eye down; planted thus they come up more readily.

**Extra Early Lima.** Of the same size and general appearance as the large Lima, but from ten to twelve days earlier. Per pt., 25 cts.; qt., 45 cts.

**Large Lima.** This is deservedly the most highly esteemed pole bean in cultivation. Per pt., 20 cts.; qt., 30 cts.; pk., $2.00.

**Dreer's Improved Lima.** A distinct variety, more productive and earlier than the large Lima. Per pt., 20 cts.; qt., 35 cts.; pk., $2.00.

**King of the Garden Lima.** Large in pod and bean. A very productive variety. Per pt., 25 cts.; qt., 40 cts.

**Early Dutch Case Knife.** Very early and prolific, fine shelled, green or dry. Per pt., 20 cts.; qt., 30 cts.

**Old Homestead.** The earliest green pod pole bean in cultivation, entirely stringless, enormously productive and of excellent quality. Per pt., 30 cts.; qt., 50 cts.; pk., $3.50.

**Golden Champion.** The pods of this variety attain enormous size, resembling the Yosemite Wax, rich golden color, stringless and cooks tender. The earliest wax pole bean. Per pt., 30 cts.; qt., 50 cts.; pk., $3.50.

**Horticultural Cranberry.** One of the best for family use. The pods are very tender, and of fine quality. Per pt., 20 cts.; qt., 30 cts.

**Scarlet Runner.** Cultivated for the beauty of its flowers. It is also a valuable esculent. Per pt., 20 cts.; qt., 30 cts.

**White Runner.** Similar to the preceding, except flowers are white. Per pt., 20 cts.; qt., 30 cts.

**German Black Wax.** One of the best varieties either for snaps or shelled in the green state. Per pt., 20 cts.; qt., 35 cts.

## BEANS, ENGLISH OR BROAD.

Plant 4 inches apart and 2 inches deep, in drills 4 feet apart, as early in spring as the ground can be worked. To ensure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

**Green Long Pod.** Of a deep green color when cooked. Per pt, 20 cts.; qt., 30 cts.

**Broad Windsor.** A standard variety. Per pt., 20 cts.; qt., 30 cts.

## BRUSSELS SPROUTS.

German, *Rosen-Kohl.*—French, *Chou de Bruxelles.*—Spanish, *Bretones, de Bruselas.*

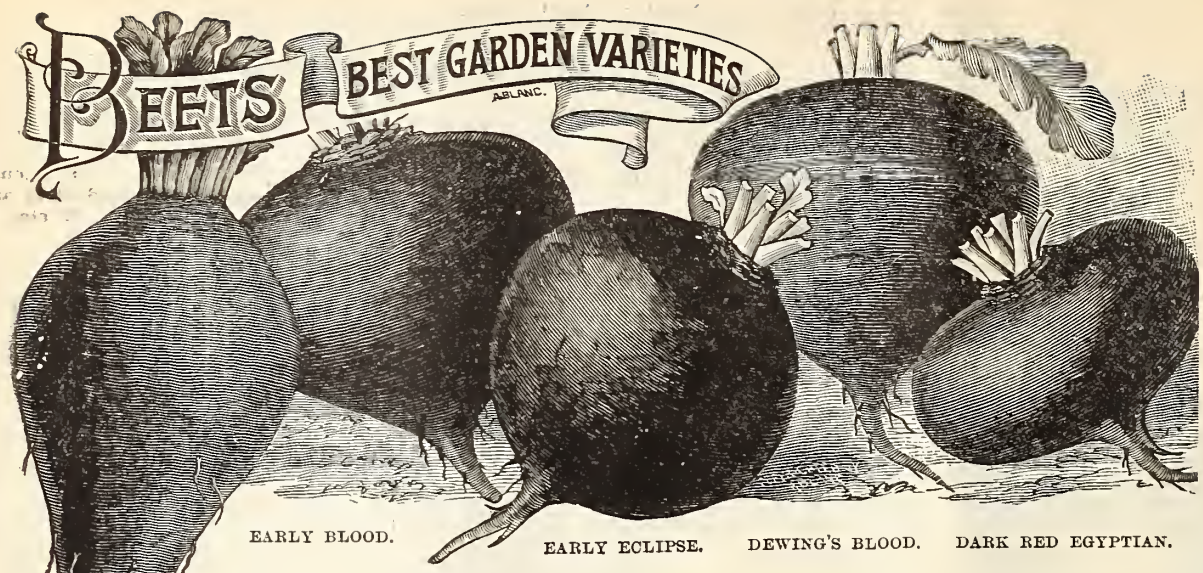
A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like Cabbage. This vegetable does not require extremely high cultivation however. It is ready for use late in autumn, after the early frosts.

BRUSSELS SPROUTS.

**Tall French.** Very fine. Per pkt., 5 cts.; oz., 20 cts., ¼ lb., 60 cts.; lb., $2.00.

**Dwarf Improved.** A variety producing compact sprouts of excellent quality. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Dalkeith.** This variety is a great improvement on the old tall-growing sort; it is much more dwarf and compact, and produces "sprouts" of larger size. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.




EARLY BLOOD. EARLY ECLIPSE. DEWING'S BLOOD. DARK RED EGYPTIAN.

German, *Runkel Rube.*—French, *Betterave.*—Spanish, *Betteraga.*

*One ounce sows 50 feet of drill; 5 to 6 lbs for one acre.*

A rich, deep open soil is best suited to the culture of Beet; fresh manure is undesirable, but land that has been well manured the previous year is highly suitable.

HALF LONG BLOOD.

For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about 1 foot apart and 2 inches deep, pressing the earth firmly upon the seed—a very important matter. For main crop sow the first week in May, and for winter use sow in June. When the plants have attained three or four leaves, thin out, so they may stand 8 or 9 inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be trimmed off, but care must be taken not to bruise the main root.

**Electric.** Extremely early, maturing with the Egyptian; globe shape, with small top and excellent quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts..

**Dark Red Egyptian.** The earliest variety, flat in shape, free from coarse roots, and with a small top; when full grown becomes rather fibrous. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Eclipse.** Very early, dark blood-color, small top, and free from fibrous roots. A very popular variety on account of its uniform globular shape. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Blood Turnip.**—The leading early sort; very tender and of good flavor; also fine for late use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Edmand's Early Turnip.** Deep blood skin, and very dark flesh of best quality. An excellent main crop and winter sort. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb, 20 cts.; lb., 50 cts.

**Lentz.** Fine, round form, very smooth, dark blood-red, flesh very tender and sweet. Grows a very small top, and is a perfect keeper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Flat Bassano.** A standard early variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Dewing's Turnip Blood.** Of a dark blood-red color, smooth and handsome, excellent market variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Half Long Blood.** Flesh dark-red, very sweet, crisp and tender. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts; lb., 60 cts.

**Bastian's Early.** As early as Bassano, but of better color, being much darker, a very rapid grower, and much used for the early market. Per pkt. 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Yellow Turnip.** Resembles the Blood Turnip, except in color, flesh yellow. Pkt. 5 cts.; oz. 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Long Smooth Blood.** A prolific variety, very dark in color; stands drought better than the turnip varieties. Per pkt., 5 cts.; oz, 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Swiss Chard.** Used as Greens, and the ribs of the leaves cooked and served as Asparagus. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

BROCCOLI.

## BROCCOLI.

German, *Spargel-Kohl.*—French, *Chou Brocoli*—Spanish, *Broculi.*

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seed should be sown in this district in the early part of May, and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from

BROCCOLI—*Continued.*

August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

**White Cape.** Heads medium size, close, compact, and of a creamy white color, one of the most certain to head. Per pkt., 10 cts.; oz., 50 cts.

**Purple Cape.** Differing from the preceding in color, which is of a greenish purple; it is also hardier. Per pkt., 10 cts.; oz., 40 cts.

**Walcheren.** A valuable variety, with very large firm heads. Per pkt., 10 cts.; oz., 50 cts.

## MANGEL WURZEL.

*Sow in April or May. Six pounds to the acre.*

YELLOW GLOBE MANGEL.

**Mammoth Long Red.** A long red variety, preferred by many to co mmon Long Red, as it is considered of better keeping quality; good for deep soils. Per ¼ lb., 15 cts.; lb., 30 cts.

**Norbiton Giant, Long Red.** One of the finest varieties in cultivation; grows to an enormous size. Per ¼ lb., 15 cts.; lb., 30 cts.

**Golden Tankard.** Skin and flesh rich golden yellow. Matures somewhat earlier than other varieties. Exceedingly hardy, easily pulled, excellent quality. Per ¼ lb., 15 cts.; lb., 30 cts.

**Yellow Globe.** Does better on shallow soils than the long varieties, and is more easily pulled; it is also of a richer quality, and an excellent keeper. Per ¼ lb., 15 cts.; lb., 30 cts,

**Ovoid Yellow.** A longer root than Yellow Globe; in some soils producing larger crops; quality excellent. Per ¼ lb., 15 cts.; lb., 30 cts.

**White Sugar Beet.** This variety is much grown in Europe for sugar making; very sweet, and keeps well; much relished by stock. Per ¼ lb., 15 cts.; lb., 30 cts.

## CABBAGE.

German, *Kopfkohl.*—French, *Chou Pomme.*—Spanish, *Repollo.*

*One ounce for a bed of 40 feet will produce about 1,500 plants ¼ lb. for one acre.*

For early use, sow the seed in hot beds in February or March, or may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use the seed should be sown in May, and the plants set out in July, 2½ by 3 feet.

**The Charleston.** This selection of the Early Jersey Wakefield will average about 50 per cent. larger in size than the old type, and only two or three days later. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., $75

**Early Etampes.** A new variety, eight days earlier than the Oxheart, with a larger and more pointed head. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Winningstadt.** A sugar-loaf variety, some three weeks later than the earlier varieties; grows to good size, and does better on lighter soils than other sorts. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; 1 lb , $1.50.

**Selected Early Jersey Wakefield.** A very early, standard variety; of medium size; in shape pyramidal, with a rounded peak; being very hardy is well fitted to winter in cold frames; permits of close planting; needs an abundance of manure, and is reliable to head; bears handling well. Per pkt., 5 cts.; oz., 25 cts.: ¼ lb., 75 lb., $2.50.

**Henderson's Early Summer.** (Early Flat Dutch.) A few days later than Wakefield, rather larger and more globe-shaped; much used by market gardeners; stands long in head. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.

**Gregory's All Seasons.** One of the very best for second-early and late, as early as Early Summer, but one-third larger, heads very solid and heavy, and of the best quality. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.

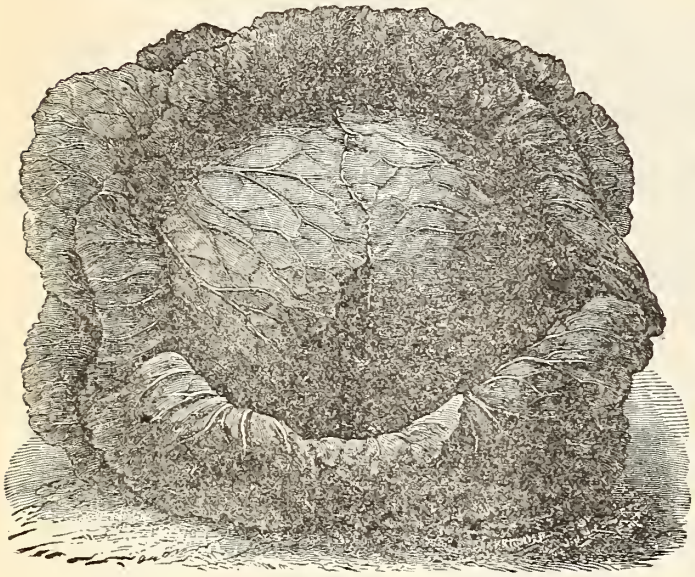
**Fottler's Brunswick.** An early Drumhead variety, producing very solid heads, weighing from 20 to 30 pounds each, of the finest quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

EARLY JERSEY WAKEFIELD.

**Succession.** For medium early main crop and winter use, this is a perfect cabbage. A few days later than Early Summer. Reliable heading, large and uniform in size. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.

CABBAGE—*Continued,*

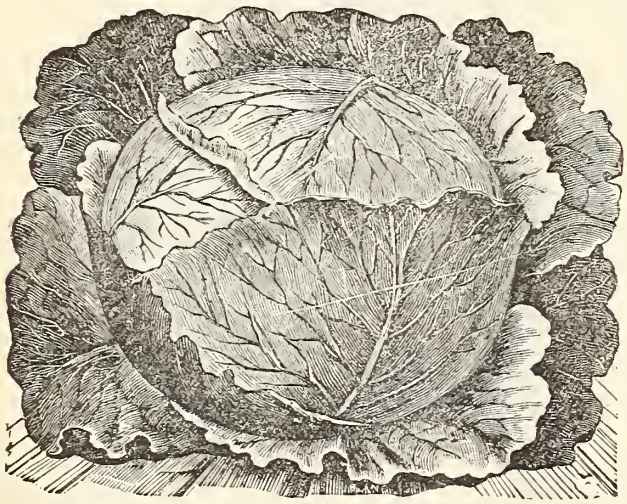
**Large Late American Drumhead.** One of the largest, most solid and best keeping late varieties. This variety seldom fails to head, and is of good quality. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.



EXCELSIOR PREMIUM FLAT DUTCH.

**Excelsior Premium Flat Dutch.** (Selected Stock.) A very popular and highly esteemed variety; in its keeping qualities, unsurpassed. Both for market and family use this variety is more extensively cultivated than any other. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Autumn King.** This is without doubt the best winter cabbage. The outer leaves are small, allowing close planting. Heads deep, very solid, large size, and the leaves are peculiarly crimped. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1; lb., $3.



AUTUMN KING.

**Marblehead Mammoth.** The largest variety of Drumhead known; needs to be set about 3 feet apart each way; often grows to weigh 60 lbs. per head. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Perfection Drumhead Savoy.** For winter use, this variety is unsurpassed. Heads large and solid, very tender and of excellent flavor. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Early Dwarf Ulm Savoy.** A very early and superior dwarf variety of fine quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Red Dutch.** Used for pickling, for which purpose it is the best variety grown. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb. $2.00.

**Early Blood Red Erfurt.** Earlier than the preceding; valuable for pickling. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

## CARROT.

German, *Möhre.* — French, *Carotte.* — Spanish, *Zanahoria.*

*One ounce will sow 100 feet of drill; 3 to 4 pounds for 1 acre.*

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It is best to sow on ground that has been well manured the previous year for some other crop, such as Celery, Potatoes, Onions or Peas, but avoiding such crops as Cabbage or Turnips, or any of the tap-rooted section. For early and main crops sow the latter part of April; for later crops they may be sown any time until the beginning of June. Sow in rows about 15 inches apart, and half an inch deep, thinning out to 3 or 4 inches between the plants.

**Early French Forcing.** The earliest variety, valuable for forcing, root small, and of fine flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00. (Cut 4.)

**Early Scarlet Horn.** An old and favorite sort, esteemed for summer use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts. (Cut 5.)

**Half Long Red.** (Stump Rooted.) Intermediate in size and period of maturity between the preceding and Long Orange. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts. (Cut 3.)

**Farly Half Long Scarlet.** (Pointed Rooted.) Similar to the preceding, except that it is pointed instead of stump rooted. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

CARROTS—*Continued.*

**Danvers Half Long Orange.** This variety is extensively cultivated, both for market and family use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts. **(Cut 1.)**

EARLY SNOWBALL CAULIFLOWER.

**Guerande or Oxheart. (Stump Rooted.)** An excellent new variety of fine quality and very productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts. **(Cut 6.)**

**Long Orange Improved.** Roots of large size, equally adapted for garden or farm culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts; lb., 75 cts. **(Cut 2.)**

**Aitringham.** Large and fine flavored red Carrot; an excellent sort. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Carentan Half Long Scarlet.** Excellent for forcing. Fine quality and perfect shape; skin smooth, flesh red, without any core or heart. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Large White Belgian.** A very productive kind, grown almost exclusively for stock. Per oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

## CAULIFLOWER.

German, *Blumen-Kohl.*—French, *Chou Fleur.*—Spanish, *Coiliflor.*

*One ounce will sow a bed of 40 square feet, and produce about 1,000 plants.*

Cauliflower delights in a rich, moist soil, and in dry seasons should be abundantly watered. Sow the first week in May, and prick out on a rich piece of ground; transplant in July. For wintering under glass, sow in the second and last week in September; transplant thickly into a cold pit or frame; give plenty of air in mild weather, and cover up well in very severe. Again, sow in February on a hot-bed, and transplant in April. For Cauliflower, the ground should be well prepared by trenching, incorporating at the same time a good share of rotten manure. Select new ground, if possible, as Cauliflower rarely succeeds on ground which has been cropped year after year with other kinds of vegetables. Plant in rows, plants 20 inches asunder, and 2 feet between the rows.

**Carrara Rock.** The earliest variety grown, producing perfectly formed, compact, and almost snow-white heads of the finest quality. The surest to head. Per pkt., 50 cts.; ¼ oz., $2.00.

**Early Snowball. (True.)** One of the very earliest and most reliable sorts. It is dwarf and compact. Heads large and of superior quality. Per pkt., 25 cts.; ¼ oz., 75 cts.; oz., $2.25.

**Early Dwarf Erfurt.** An early market variety, producing large compact heads of fine qvality. Per pkt., 5 cts.; ¼ oz., 75 cts.; oz., $2.00.

**Half Early Paris. (Nonpariel.)** One of the most popular varieties grown; good for early or late crops. Per pkt., 10 cts.; oz., 60 cts.

**Lenormand's Short-Stemmed.** An excellent late variety, with large heads of superior quality. Per pkt., 10 cts.; oz., 60 cts.

**Large Late Algiers.** An excellent late sort, getting into general favor. Per pkt., 10 cts.; oz., 60 cts.

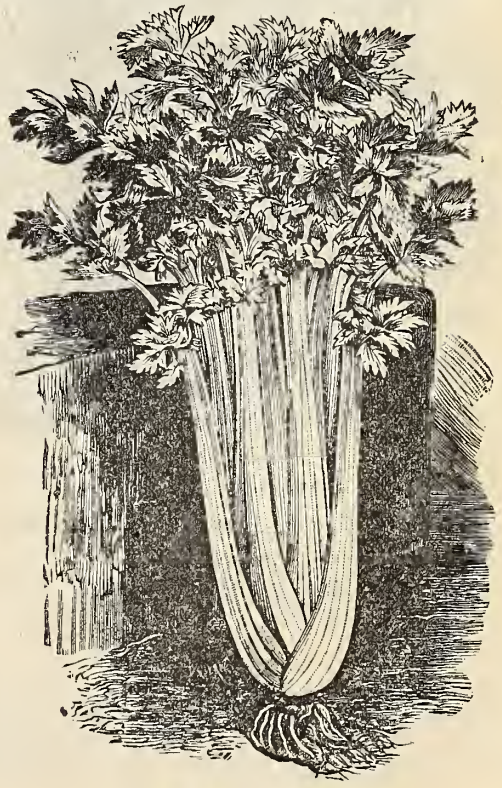
**Veitch's Autumn Giant.** A valuable late variety, particularly in the Southern States. Per pkt., 5 cts.; oz., 40.

## CELERY.

German, *Seleri.*—French, *Celeri.*—Spanish, *Apis.*

*One ounce will sow a bed of 9 square yards, and produce about 2,500 plants.*

Celery is generally grown as a second crop, following early cabbages, onions, peas, etc. The proper time to sow is early in April, transplanting about the first of June. Set in rows 3



GOLDEN SELF-BLANCHING.

feet apart, and about 6 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and as fall approaches, draw earth up to the plants, keeping the stalks well together. This earthing up is continued at intervals, until only the leaves appear above the soil. When well blanched it is ready for use. For winter use it is usually placed in trenches and covered with earth and litter, or stored in cool cellars. Comparatively few soils are well suited to celery culture. Rich, mellow soils, of a sandy nature, are best; while soils that settle and become hard after rain are unsuitable. The seed, being very small, should be covered lightly, and the earth *firmly pressed* down upon it.

**White Plume.** A valuable early and exceedingly ornamental variety, requires very little labor in blanching, one of the best for family use. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Pink Plume.** In character this variety is a perfect White Plume, except the color which is a delicate pink. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cents.

**Golden Self-Blanching.** A fine solid variety on the style of White Plume, except that it is golden-yellow where the Plume is white, and contrasts well with that sort. Per pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Golden Heart, or Golden Dwarf.** Very solid, of excellent flavor, and one of the best for either home or market use. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.

**Crawford's Half Dwarf. (Henderson's Half Dwarf).** A superior white variety of intermediate size; crisp and solid. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.

**Giant White Solid.** A favorite strong-growing variety; hardy, solid and crisp. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Perfection Heartwell.** This is one of the best varieties in cultivation, stalks long and thick, very compact, crisp, and of fine flavor. Per pkt., 10 cts., oz., 25 cts. ¼ lb. 75 cts.

**Boston Market.** A well-known leading variety, crisp, solid, and of fine flavor. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

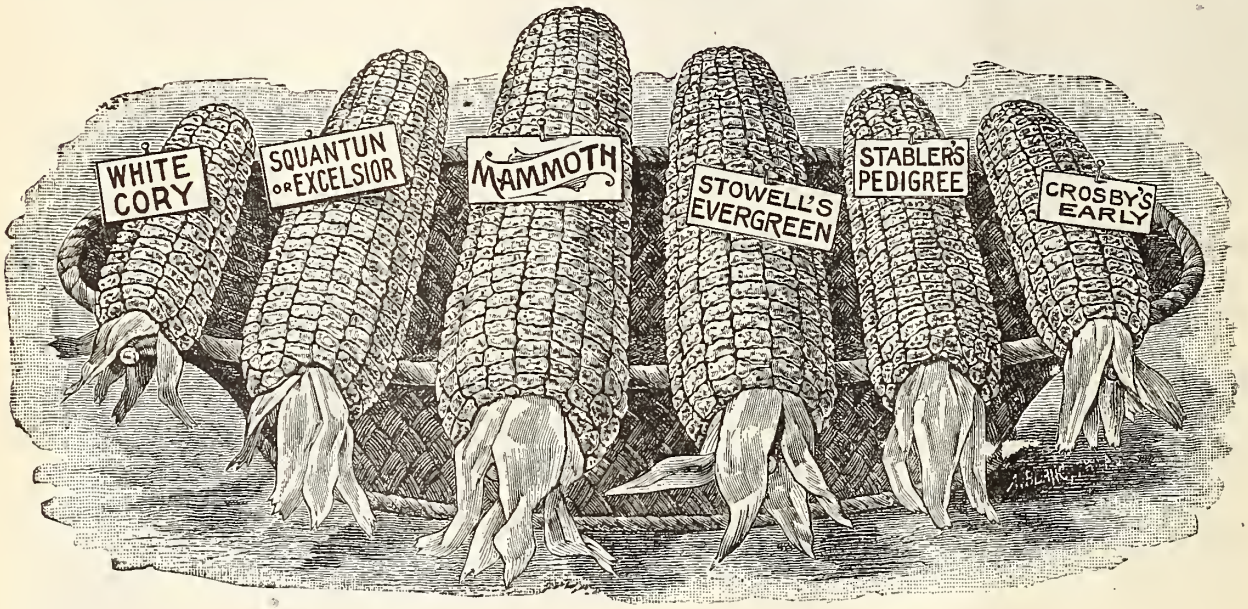
**Giant Pascal.** A superior keeping sort. The stalks are very large, solid, crisp and of a rich nutty flavor, it blanches very easily and quickly. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**London Red.** The best red Celery in cultivation, flavor superior to the white. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

**New Rose.** The finest red sort in cultivation. Its color is a beautiful shade of rose, excellent flavor, solid, crisp and entirely stringless. Splendid for winter use. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Celeriac, or Turnip-Rooted Celery.** Has edible roots, for soups and stews. Per pkt., 5 cts.; oz., 20 cts.

**Soup Celery.** Used for flavoring only. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.




## SWEET CORN.

German, *Welchkorn.*—French, *Mais.*—Spanish, *Maiz.*

*Prices quoted do not include postage, which is 10 cts. per quart additional. Special prices by the bushel to Market Gardeners and Truckers.*

*One quart will plant 200 hills; one peck will plant one acre in hills.*

Sweet corn may be either sown in rows 4½ feet apart, and the seeds planted at about 8 inches in the rows, or planted in hills at distances of 3 or 4 feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or richer the soil, the greater should be the distance apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In the more Southern latitudes, planting is begun a month earlier and continued a month later.

**White Cory.** A selection of the Cory with white cob and kernel, equal to the original Cory in earliness, and averages sweeter. This variety is not excelled in earliness by any sort equal in size. Per pt., 15 cts.; qt., 20 cts.; pk., $1.00.

**The Cory. (Red Cob.)** The earliest Sweet Corn in cultivation, being ready for the market a week earlier than the Marblehead. Ears of good size and handsome. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

SWEET CORN—*Continued.*

**Early Minnesota.** Very early, ears fair sized and uniform, plant rather dwarf; one of the best early kinds. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Crosby's Early.** One of the best of the early sorts, ears short, from 12 to 16 rows. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Moore's Early Concord.** Ears large and well filled, from 12 to 14 rows, the earliest of its size, a superior variety. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Perry's Hybrid.** An early twelve-rowed variety, growing only four to five feet high, with ears set very low on the stalk. Kernels white, large, sweet and very tender. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Stablers Pedigree.** This variety ripens about ten days earlier than Stowell's Evergreen and is superior in sweetness. Grains deep and in straight rows on the cob, silk white and easily removed. A superior variety for canning or Market Gardeners. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Black Mexican.** Ears of a bluish black color when dry; an extremely sweet variety; ears eight-rowed and of medium size. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Early Eight-Rowed.** Ears long, kernels large, deep and straight in the rows, a good variety. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Squantum, or Excelsior.** Medium early, very sweet and of excellent quality. It is very productive, frequently producing four to five ears to the stalk. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Early Mammoth.** Ripens about two weeks earlier than Late Mammoth, ears somewhat smaller but good market size. Per pt., 10 cts., qt., 20 cts.; pk., $1.00.

**Egyptian, or Washington Market.** One of the best of the large sorts, ears from 12 to 15 rows. A superior variety for canning. Per pt., 10 cts.; qt., 20 cts.; pk. $1.00.

**Hickox Improved.** A valuable variety for market; ears twelve-rowed, straight and handsome. Quality of the very best. Per pt., 10 cts.; qt , 20 cts.; pk., $1.00.

**Gold Coin.** It surpasses the Stowell's Evergreen in sweetness and delicacy of flavor, and has proved ten days earlier and one-third larger in size. Per pt., 15 cts.; qt., 25 cts.; pk., $1.00.

**Ne Plus Ultra.** In sweetness and delicious flavor it is not surpassed, if equaled, by any other variety. The ears are below medium size, but several grow on a stalk. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Stowell's Evergreen.** The latest, and said to be the sweetest variety; will keep green till frost; large size, white, kernels small, deep, and frequently irregular in the rows. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Late Mammoth.** The largest late variety; twelve-to-sixteen-rowed; cob white, large and well filled; very productive and fine flavored. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Country Gentleman.** The sweetest and most tender of any variety; very productive; small cob and very deep kernels. Per pt., 15 cts.; qt., 25 cts., pk., $1.00.

## SWEET FODDER CORN.

For soiling. Sow three bushels to the acre, broadcast, or half that quantity in drills. Per bush., $1.50

## FIELD CORN.

**Early Yellow Canada.** A very early small-eared variety. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.

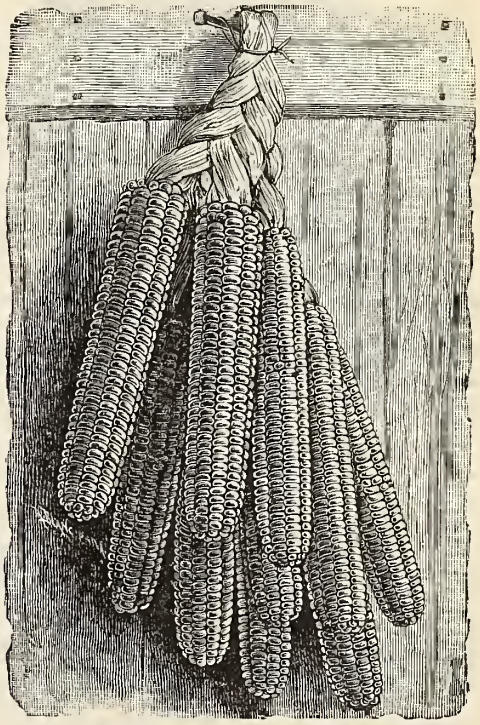
**Large Yellow Flint.** A popular and productive variety of good quality. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.

**White Flint.** Similar to the preceding except in color. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.

**Chester County Mammoth.** The largest and most productive variety in cultivation. Per qt., 15 cts.; pk., 60 cts.; bush, $1.75.

**Longfellow.** A variety well adapted for the Northern States. It is an eight-rowed yellow flint sort, with ears from 10 to 15 inches long, of an average diameter of 1½ inches. Cob small, grain large and broad. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.

**Leaming.** Ears of good size, cob red and small, with a deep, large grain of bright yellow. It is an early variety, a strong grower, and its leafy character enables it to stand until ripe, thus making it especially valuable in dry seasons. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.



EARLY CANADA FIELD CORN.

**Blunt's White Prolific.** An eight-rowed white flint variety, with short, uniform, well-shaped ears. Remarkably prolific, frequently producing six to eight good-sized ears on each stalk; has been used successfully for ensilage. Per qt., 15 cts.; pk., 50 cts.; bush., $1.50.

**Southern Prolific.** Very desirable for ensilage; used almost exclusively in the South. Per pk., 50 cts.; bush., $1.50.

## POP CORN.

**White Pearl.** Smooth grained ears 4 to 5 inches long. Per lb., 10 cts.; by mail, 20 cts.

**White Rice.** Kernel pointed; ears 4 to 5 inches long, very early. Per lb., 10 cts.; by mail, 20 cts.

## CARDOON.

The ground upon which Cardoons are to be grown should be deeply trenched and liberally manured. Sow the seed in April in rows 4 feet apart, and when up, thin out singly 12 to 18 inches apart. Before earthing up as for Celery, which should be done on a dry day, tie up and surround each plant with straw to keep the soil from contact with the sides. In dry weather give plenty of water, and occasionally a supply of liquid manure.

**Large Spanish.** Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

## CHICORY.

**Common.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in a cellar; the shoots which will come up soon, form the "Barbe de Capucin." Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Large Rooted.** Used to mix with or as a substitute for coffee. Cultivation same as the Carrot. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

CHERVIL.

## CHERVIL.

(CURLED.)

**An aromatic herb.** The young leaves are used in soups and salads. Sow thinly in May, in drills, half an inch deep, 1 foot apart. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

## CORN SALAD or FETTICUS.

German, *Lanmiersalet.*—French, *Mache.*—Spanish, *Macha o Valerianilla.*

*One ounce will sow 20 square feet; 6 pounds will sow an acre.*

Corn Salad, Fetticus or Lamb's Lettuce, is used to a considerable extent as a salad. It is sown on the first opening of spring, in rows 1 foot apart, and is fit for use in six or eight weeks from the time of sowing. If wanted early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over the same way as Spinach.

**Large-Seeded.** The best variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

## CRESS or PEPPER GRASS.

German, *Kresse.*—French, *Cresson.*—Spanish, *Berro o Masteurzo.*

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

**Extra Curled.** Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

## WATER-CRESS.

Water-Cress may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown, and the thinnings transplanted. The plants should be set not less than a foot apart. The Cress will be fit for gathering the second year.

**Water-Cress, Common.** Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Water-Cress, Erfurt.** More highly esteemed than the ordinary variety, being less pungent and of a more agreeable flavor. Per pkt., 15 cts.; oz., 75 cts.

## CUCUMBER.

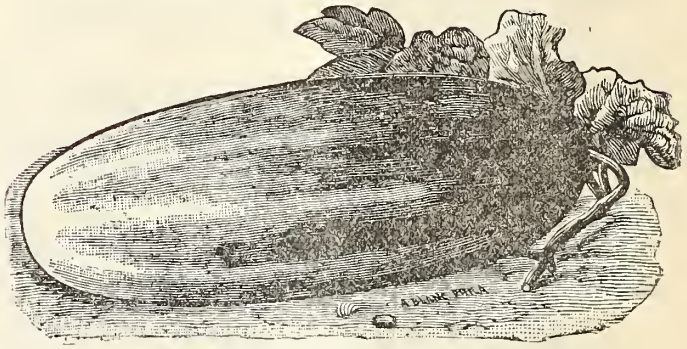
German, *Guike.*—French, *Concombre.*—Spanish, *Cohombro.*

*One ounce will plant 50 hills; 2 to 3 pounds for one acre.*

Plant for general use, in the open ground about June 1, in hills 6 feet apart each way, and thin to three plants in a hill; the hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure, or better still, plant on land that a crop has been taken off from, which was heavily manured for that crop. Plenty of water is the most important point, except for earliest, where the temperature must be looked to as well as the watering. A sprinkling of dry plaster will keep off the striped bug. For earliest use sow the seed in the hot bed or greenhouse in March, in warm loam, where the temperature is about ninety degrees; cover half an inch deep, and, when the plants are of fair size, transplant into hills (made in the greenhouse), four plants in a hill, so that, when the weather permits, the whole hill can be moved to the open ground.

**Improved Early White Spine.** A favorite market variety, of medium size, deep green, flesh crisp and of fine flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Extra Long White Spine.** A longer variety of the preceding, and dark green in color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.



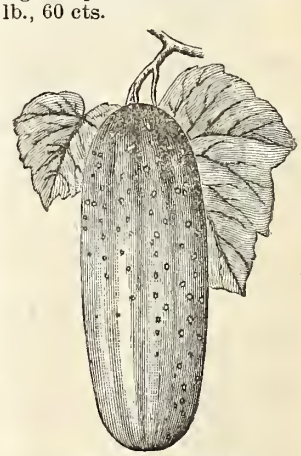
IMPROVED EARLY WHITE SPINE.

**Early Frame or Short Green.** An old and popular variety; excellent for pickels when young. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**New Everbearing.** It is of small size, very early, enormously productive and valuable as a green pickler. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Japanese Climbing.** Fruit of medium size, well formed, dark green color; flesh very thick and of excellent quality, may be grown as an ordinary cucumber, or will climb pole or trellis readily as beans. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**"Cool and Crisp."** Very early and productive. The skin is very dark green, almost black, covered with knobs upon which the spines are set, which gives it a very attractive appearance when pickled. Excellent for slicing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



NEW EVERBEARING.

CUCUMBER—*Continued.*

TELEGRAPH.

**Early Cluster.** Early; extremely productive; growing in clusters. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Green Prolific.** One of the best pickling sorts. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Early Russian.** The earliest variety; small, hardy and productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Long Green.** A fine long fruit, of excellent quality; dark green. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Nichols's Medium Green.** An excellent new variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**West India Gherkin or Burr.** Used only for pickels. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

The following sorts we offer at the uniform price of, pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Tailby's Hybrid, Boston Pickling, Chicago Pickling, Commercial Pickling.

### CUCUMBER, FRAME OR FORCING.

Sow in small pots from the middle of January, in hot-bed or hot-house. When grown to three leaves plant out in a previously prepared hill of loose, rich soil, in the center of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat.

Burnett's Perfection, splendid.
Conqueror of the West.
Covent Garden Perfection.
Cuthill's Black Spine.
Duke of Edinburgh.
Giant of Arnstadt.
Ipswich Standard.
Lord Keynon's Favorite.
Marquis of Lorne.
Sion House Improved.
Telegraph (True.)
Walker's Rambler.

Per packet, each 25 cts.

## DANDELION.

German, *Pardeblume.*—French, *Pissenlit.*—Spanish, *Amargon.*

The dandelion affords one of the earliest and most healthful spring greens or salad. It is best when blanched. The roots, when dried and roasted, are often used as a substitute for coffee. Sow early in spring, in drills 18 inches apart, and thin out to 6 inches in the drills. Keep clear of weeds and the following spring it will be fit for the table.

**Dandelion, French.** Per pkt., 5 cts.; oz., 20 cts.

**Improved, Large-Leaved.** A new, thick-leaved variety, of great productiveness and fine flavor. Per pkt., 10 cts,; oz., 50 cts.

## ENDIVE.

German, *Endivien.*—French, *Chicoree.*—Spanish, *Endivia.*

*One ounce will sow 60 square feet.*

A highly esteemed winter salad. For the first crop sow about the middle of May, and for succession in June and July. When the plants are 2 or 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched, an operation which is simply performed by tying the leaves loosely together, or by covering with boards, slates or flower-pots.

ENDIVE.

**Green Curled.** Beautifully curled, tender and crisp. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts; lb., $1.50.

**Moss Curled.** More finely curled, and a heavier and more dense plant than Green Curled. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

**White Curled.** Very tender when cut young; blanches readily. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

**Broad-Leaved Batavian. (Escarrolle).** This variety is chiefly used in soups and stews; requires to be tied up in blanching. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

IMPROVED NEW YORK SPINELESS EGG PLANT.

## EGG PLANT.

German, *Eirpflanze.*—French, *Aubergine.*—Spanish, *Berengena,*

*One ounce will produce about 1,000 plants.*

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm andsettled. Sow early

in Spring in hot-beds, or if these are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower boxes in the house. There are several ways of cooking, but the most common is to cut them in slices, boil in salt and water, and then fry in butter.

**Improved New York Spineless.** This is a great improvement on the popular New York Improved. The plant is low and branching and quite free from spines, fruit of large size and perfect form; two weeks earlier than the old variety; excellent quality and very productive. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.00.

**Black Pekin.** A fine variety, bearing large, round, deep purple fruits, fine grained, and of superior quality. Per pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Early Long Purple.** Early, hardy, and productive; excellent for the table. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

## GARLIC.

Used in cooking for flavoring purposes, it is more pungent than the onion. It is propagated by detaching the cloves or sets and planting them in rows 1 foot apart and 6 inches asunder. As soon as the leaves turn the crop is matured, and may be harvested like the onion. Per lb., 25 cts., by mail, 35 cts.

DWARF GREEN CURLED KALE.

## KALE, OR BORECOLE.

German, *Blätter-Kohl.*—French, *Chou Vert.*—Spanish, *Breton.*

*One ounce will sow a bed of 40 square feet, and produce about 3,000 plants.*

Sow early in May, in a prepared bed, and transplant in June, setting the plants and cultivating in the same manner as for Cabbages. A strong soil, well manured, is required. The many varieties of Borecole are almost delicious—more delicate than cabbage, when boiled, the quality being improved after a light frost.

**Dwarf Green Curled Scotch.** Rarely exceeds 18 inches in height, but spreads under good cultivation to 3 feet in diameter. Leaves beautifully curled and bright green. Will stand out where temperature does not fall below zero. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Tall Green Curled Scotch.** Taller in growth than the above. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Siberian (German Greens or Sprouts).** Extensively grown as winter green; sown in September. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Dwarf Brown or Purple Curled.** A handsome variety for spring sowing. Per pkt., 5 cts.; oz, 10 cts. ¼ lb., 30 cts.; lb., $1.00.

## KOHL-RABI.

German, *Kohlrabi.*—French, *Chou-rabe.*—Spanish, *Calde Nabo.*

*One ounce will sow a drill of about 200 feet.*

Kohl-Rabi, or Turnip-stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot form.

KOHL-RABI.

**Early Short Leaved White Vienna.** Very fine forcing variety. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Early White Vienna.** Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

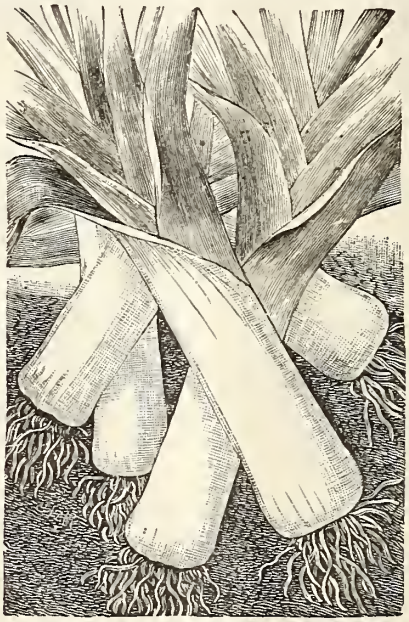
**Early Purple Vienna.** Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

## LEEK.

German, *Lauch.*—French, *Poireau.*—Spanish, *Puerro.*

*One ounce will sow a drill of about 100 feet.*

Leeks require a very rich, mellow soil, and a liberal dressing of well-composted manure. Sow the seed in April in rows a foot apart, and transplant in July. Land that has borne an early crop of Peas, Cabbages, etc., may thus be made use of for a second crop; but additional manure should be applied before setting out the Leeks. They should be set quite deep, and in rows 15 inches apart, with 6 inches between the plants. Care must be used to avoid having the young plants overgrown by weeds. Later in the season, draw earth up around the plants to blanch them.



LEEK.

**Large American Flag.** The kind mostly grown for market. Per pkt, 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.

LEEK—*Continued.*

**Large Carentan.** Large growing French variety of excellent quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Large Rouen Winter.** An excellent variety; remains a long time in good condition. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $2.00.

## LETTUCE.

German, *Lattich.*—French, *Laitue.*—Spanish, *Lechuga.*

*One ounce will sow 100 square feet or 120 feet of drill.*

Lettuce is the most popular of all salads. It is easy of cultivation, but likes a rich, moist soil, and, to be crisp and tender, needs to be grown in cool weather. For winter use, sow in hotbeds every two weeks, at the rate of 1 ounce of seed to four sashes (a sash is 3 feet wide by 6 feet long); cover very lightly, and transplant first to 3 inches apart each way, afterwards to 8 inches. For garden or field, sow in rows and cover ¼ of an inch deep, and thin to 12 inches apart in the rows.

**Golden Queen.** An excellent forcing variety, very early and forms medium-size solid heads, with very few loose outer leaves. Color golden-yellow; crisp and tender, worthy of the highest recommendation. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Rawson's Hot-house.** The best variety for growing under glass. Large size, a sure header, and not liable to rot at the heart. A favorite among private and market gardeners. Per pkt,, 10 cts.; oz., 50 cts.

**Improved Salamander.** An excellent summer variety; heads good size and compact. Stands heat without burning or running to seed longer than most varieties. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb. $1.50.

**Big Boston.** This variety is identical in shape and color with the Boston Market, but double the size. Heads well at all seasons. Per pkt,, 10 cts.; oz., 20 cts., ¼ lb., 50 cts.; lb., $1.75.

**New York.** Is of unusual size and solidity of head, with little tendency to run to seed. Always crisp, tender and free from bitterness. Not a forcing variety but one of the best for out-door. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Mignonette.** This variety is very hardy and long-standing, excellent even for midsummer. The outer leaves are richly colored with russet-red and bronze-green, the hearts light cream color. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Early Curled Simpson.** Very early, and excellent for forcing. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Black-seeded Simpson.** Nearly double the size of the ordinary Curled Simpson; stands the summer well. Per pkt., 5 cts,; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Boston Market (White-seeded Tennis-Ball).** Grown extensively by market gardeners, under glass, for winter use; very compact head, and of the best quality. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Golden Stone Head.** One of the earliest and best for forcing, very solid, of superior quality. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Black-seeded Tennis-Ball.** Hardy and crisp; of excellent quality; one of the earliest of the heading varieties. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Black-seeded Butter.** Used extensively as an out-door variety. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb , $1.25.

**All the Year Round.** A very hardy, compact variety, white, solid and crisp; for summer and winter use. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Hanson.** Heads large, solid, tender, crisp and of fine flavor; stands the summer heat well. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Large White Summer Cabbage.** Excellent for summer, heads of good size. A fine market variety. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

TRIANON COS.

**Trianon Cos.** A distinct variety which does need tying up, but is really a self-blanching sort; very crisp and tender, and of excellent flavor. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

**Paris White Cos.** One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## MELON, MUSK.

German, *Melone.*—French, *Melon.*—Spanish, *Melon.*

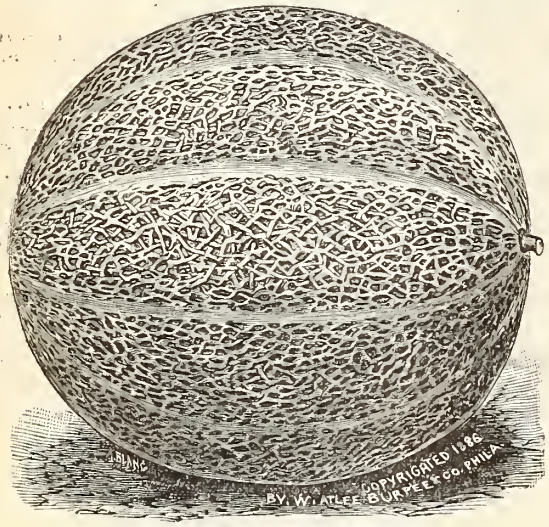
*One ounce will plant about 80 hills; 2 to 3 pounds for 1 acre.*

Melons should be planted on a rather light, rich, sandy loam. The middle of May is early enough for planting in open ground. Make hills about 6 feet apart each way, and put in each a good shovelful of well-composted manure; press it down, and cover with earth. Upon each hill plant six to twelve seeds about half an inch deep. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. Ashes, lime, tobacco dust, or even dry road dust, is excellent to sift over the young plants when the dew is on, to prevent attacks of insects. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots. The seed may also be started out-of-doors under hand-frames or glasses.

**Extra Early Hackensack.** This variety is nearly equal to the Hackensack in size, and at least ten days earlier. The earliest and best of all the netted Melons. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

MELON, MUSK—*Continued.*

**The Banquet.** A medium-sized melon, flat at both ends, and more beautifully netted than any other variety. The flesh is a rich dark salmon color, and excellent quality. Per pkt., 5 cts.; oz., 10 cts.: ¼ lb., 25 cts.; lb., 75.




EXTRA EARLY HACKENSACK.

**The Emerald Gem.** The flesh is of a suffused salmon color, and ripens thoroughly to the extreme thin green edge. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

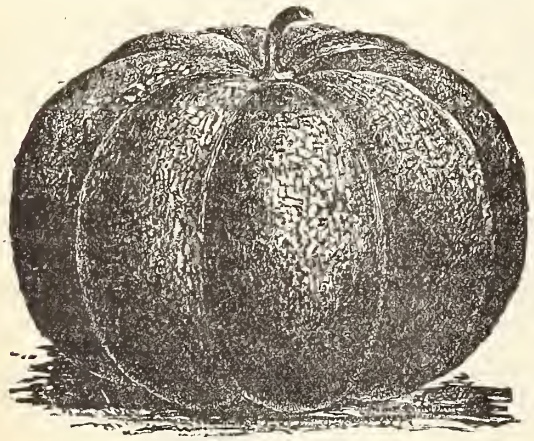
**Long Island Beauty.** A splendid new, very early variety of the Hackensack type, slightly more ribbed and densely netted. Flesh green and of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75.

**Montreal Nutmeg.** A very large melon of recent introduction; has given general satisfaction; longer in form than most of the green-fleshed sorts; grows very large, up to 15 pounds or more; excellent flavor and extremely productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb.; 20 cts.; lb., 75 cts.

**Jenny Lind.** A very early kind, of a small size, but delicious flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**White Japan.** Size medium and nearly round; skin cream white and very thin; flesh pale green, early and sweet. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Green Citron.** Fruit medium size, deeply netted; shape nearly round, flesh green, and of rich, delicious flavor. Per pkt., 5 cts., oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.



MONTREAL NUTMEG.

**Nutmeg.** Fruit nutmeg shape; skin deep green, finely netted, flesh greenish yellow, rich and sugary. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Golden Netted Gem.** One of the very best of the early varieties; flesh light green, thick, and of luscious flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Skillman's Netted.** Form roundish oval; flesh deep green, sweet and richly perfumed; early and delicious. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Champion Market.** One of the best varieties; flesh thick, light green, rich and sweet. Per pkt., 10 cts.; oz., 25 cts.

**The Miller Cream.** The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Hackensack.** A variety of the Green Citron, well known among the New York market gardeners. It grows to a very large size, is productive and of exquisite flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Christina.** Flesh thick, rich dark yellow, of the best quality. When ripe the melon always separates from the stem. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Surprise.** A very fine new variety; flesh salmon-colored and of exquisite flavor. Per pkt., 5 cts.; oz., 10 cts., ¼ lb., 20 cts.; lb., 75 cts.

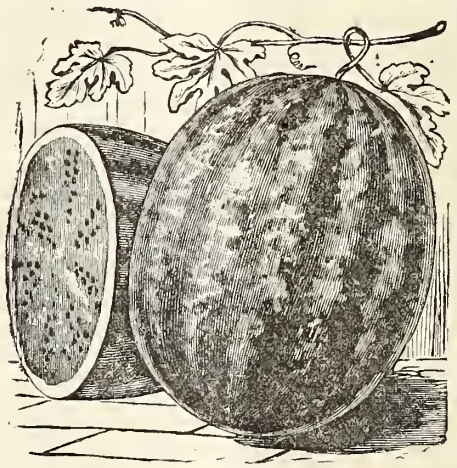
**Large Yellow.** Used in the green state for "Mangoes." Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

**Yellow Cantelope.** Flesh reddish orange, sweet and of good flavor; an early and productive variety. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

We also offer at a uniform price the following sorts:

**Baltimore or Acme, Shumway's Giant, New Superb, Mango or Vegetable Orange, Sill's Hybrid.**

Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.



COLES EARLY.

## MELON, WATER.

German, *Wasser-Melone.*—French, *Melon d'Eau.*—Spanish, *Sandia.*

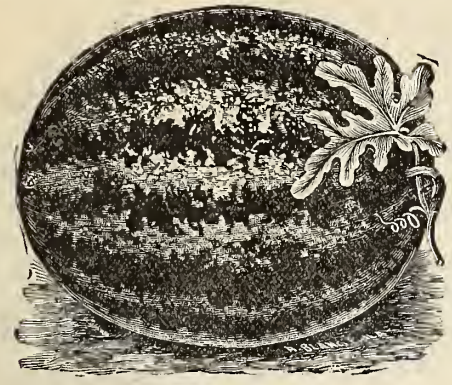
*One ounce will plant about 30 hills; 4 to 5 pounds for 1 acre.*

Plant in hills as directed for Musk melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

**Cole's Early.** The finest water-melon for the amateur, a sure cropper, enormously prolific and delicate in texture of flesh which is bright red in color, and the quality is sustained clear to the rind, which is thin and brittle. Medium size, nearly round; green, striped with lighter shades. Not a good shipper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

MELON, WATER—*Continued.*

**Green and Gold.** The flesh is a beautiful golden orange color, and in flavor is said to surpass any of the red-fleshed sorts. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.



KOLB GEM.

**Ruby Gold.** Delicious flavor. One of the juciest melons ever grown. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**The Boss.** This new melon has a very dark skin, slightly ribbed, and is long in shape. It is very heavy for its size, which, however, is not large; flesh solid, red and sugary. By many this melon is very highly esteemed. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Pride of Georgia.** A new Southern variety, with a hard rind, which makes it valuable for shipping; melons round, striped light and dark green; uniformly of fair market size; flesh bright red. Ripens up well, and is of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Mountain Sprout.** A large, long variety, striped skin, flesh red, of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Jordan's Grey Monarch.** The largest melon grown; crimson flesh; excellent quality and one of the best shippers. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 70 cts.

**Mammoth Ironclad.** A large fine melon of excellent quality and good flavor; flesh of dainty red color, and more chrystaline than the Cuban Queen; a splendid keeper and shipper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Mountain Sweet.** An old favorite; form rather long, color dark green; seeds dark; a very solid melon, sweet and crisp; a safe variety for northern growing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Kolb Gem, or American Champion.** The skin of this variety is dark green marbled with lighter shades; shape slightly oval; size large and remarkably uniform; rind very thin, yet so remarkably firm and tenacious that it bears transportation without breakage and injury; flesh tender, melting and of unsurpassed quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Ice Cream.** White seeded. Fruit round, of medium size, skin pale green, flesh scarlet, crisp and delicious. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Southern Rattlesnake, or Gypsy.** A very large, striped variety of oblong shape; flesh scarlet and of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb.; 20 cts.; 60 cts.

**Citron for Preserving.** Is used for preserves only; is very hardy and productive. Per pkt., 5 cts.; oz., 10 cts., ¼ lb., 20 cts.; lb., 60 cts.

The following sorts we furnish at the uniform price of, pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Vick's Early, Dixie, Golden Honey, New Jones, Gerardeau's Favorite, Cuban Queen, Phinney's Early, Black Spanish, Scaly Bark, Dark Icing.**

## MUSHROOM SPAWN.

German, *Champigonbrut.*—French, *Champignon.*—Spanish, *Seta.*

*Ten pounds will spawn about 10 feet square.*

Mushroom beds may be made in a warm dry cellar or in any building where the frost does not penetrate, and in the open air during the summer and fall months. Having procured the Spawn, the next thing to be attended to is to make preparation for the beds. About a fortnight or three weeks before the beds are to be made, collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats, keep turning it over once or twice a week, until the fiery heat has been exhausted, which will require from ten to fourteen days time. When the manure is in a condition to be made up, lay out your bed according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it well down with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the Spawn may be put into it. Break the Spawn in pieces 2 inches square, and put them 6 inches apart all over the bed, then cover the bed with 2 inches of rich soil, the stronger the better, but of a loamy quality, beating it down firmly with a spade. The soil used for this purpose should be in a pliable condition, and not too wet or over dry. Cover the bed with a foot of dried straw or hay; examine once a week to see if the manure is not heated while in this condition; if so, it will destroy the Spawn, which will require spawning a second

time. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry, give a gentle watering with tepid water, using a rose on the watering pot. If the beds are made out of doors, protect them from rain by covering them with shutters or sashes. Good crops of mushrooms can be obtained by spawning the hot-beds in spring. They can also be raised in pots, boxes, or in fact in anything capable of keeping the materials together, and placed in a cellar, closet, greenhouse or grapery. We have just received a choice lot of English and French Spawn.

**English Spawn.** Per lb., 15 cts.; 8 lbs. for $1.00.

**French ——** in boxes of 3 lbs., $1.25 each.

## MARTYNIA.

A strong growing annual plant, bearing curiously shaped seed pods, which, when young and tender, make excellent pickles. Sow in the open ground in May, and thin out the plants to 2 or 3 feet apart, or a few seeds may be sown in a hot-bed, and afterwards transplanted. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

## MUSTARD.

German, *Senf.*—French, *Moutarde.*—Spanish, *Mostaza.*

*One ounce will sow about 80 feet of drill*

Mustard in a green state is a refreshing salad, mixed with Cress, Lettuce or other salad plants. It is necessary to make frequent sowings of it, as it should be cut and used in a very young state, even before the first rough leaf has appeared. For early crops the seed may be sown in a hot-bed in March; and for general crops, at frequent intervals through the spring. in drills from 8 to 12 inches apart

**White or Yellow.** The best variety for salads; the seed is also used medicinally, and as a seasoning for pickles. Per oz., 5 cts.; ¼ lb., 10 cts.; lb., 30 cts.

## OKRA, OR GOMBO.

German, *Essbarer.* — French, *Gombo.* — Spanish, *Quibombo.*

*One ounce will plant about 75 hills.*

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May, in hills 2½ feet apart, and thin out to three plants in a hill.

**White Velvet.** The pods are round and smooth; much larger than those of other Okras; never prickly to the touch; very prolific. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Dwarf Green.** Very early; smooth pods. Per pkt., 5 cts.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Long Green.** Long ribbed pods; very productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

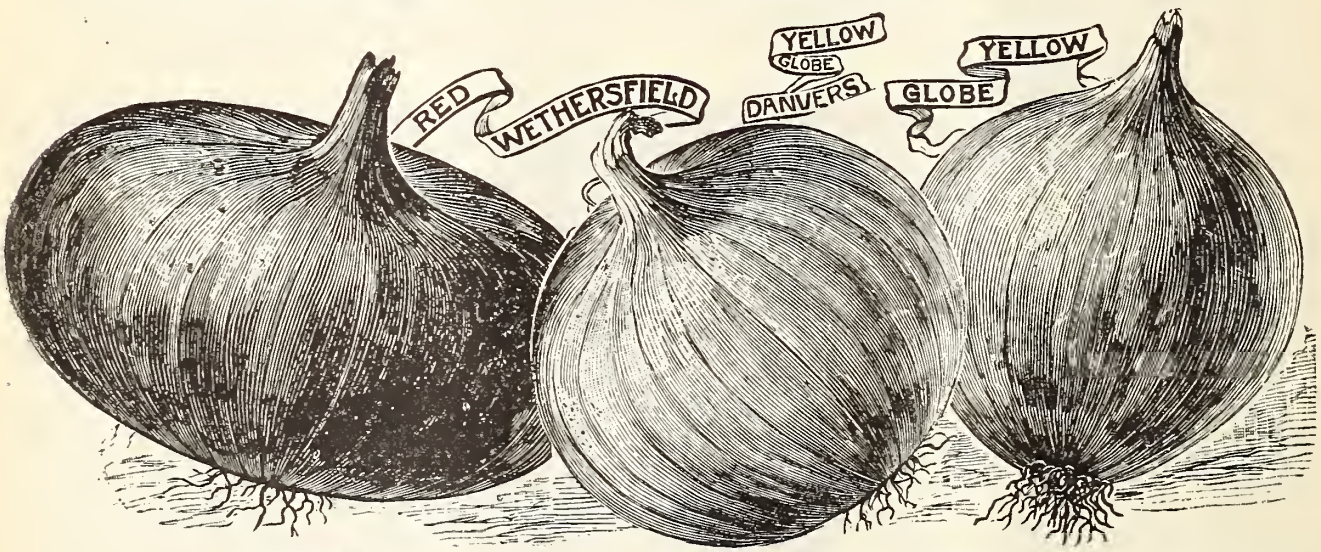
## NASTURTIUM.

*One ounce will sow about 20 feet of drill.*

Cultivated both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden.

**Tall Nasturtium.** Mixed. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.

**Dwarf Nasturtium.** Mixed. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.




## ONIONS.

German, *Zwiebel.*—French, *Oignon.*—Spanish, *Cebolla.*

*One ounce will sow 100 feet of drill; 6 pounds for 1 acre.*

For Onion culture the ground should be prepared the previous autumn by plowing or spading deeply, incorporating a heavy dressing of well-rotted barn-yard manure. A rather strong, deep, rich, loamy soil is considered most suitable, although we have seen splendid crops raised upon a stiff clay soil, which was well underdrained. Sow the seed as early in spring as practicable, in shallow drills, 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller, or the back of a spade. When the young plants are strong enough, thin out to 4 inches apart. Keep the surface open and free from weeds by hoeing frequently.

**Early Red.** A trifle smaller, but fully ten days earlier than the Large Red Wethersfield; of milder flavor and a good keeper. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Large Red Wethersfield.** A well-known sort, grows to a large size, very producive and an excellent keeper. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1 50.

ONIONS—*Continued.*

**Yellow Globe Danvers.** A very excellent variety, of globular shape; flesh white and mild flavored; skin brownish yellow. It is very productive and a good keeper. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb, $1.50

**White Portugal.** A handsome Onion of mild flavor, fine for early winter use, and much used for pickling when small. It is not a good keeper. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.75.

**White Barletta.** An extra early, small white Onion. Excellent for pickling. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Queen.** The earliest of all Onions; remarkable for the rapidity of its growth, and very mild flavor. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Southport White Globe.** A large, globe-shaped Onion, firm, fine grained, of mild flavor, keeps well, commands the highest market price. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 85 cts.; lb., $3.00

**Southport Red Globe.** Rich purplish crimson color; globe shape; a good keeper and of superior quality. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 85 cts.; lb., $3.00.

**Southport Yellow Globe.** Clear yellow color, good shape and an excellent keeper. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Mammoth Silver King.** Single bulbs often attain weight of 2½ to 4 pounds each. The skin is a beautiful silvery white, the flesh is snowy white and of a particularly mild and pleasant flavor. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Mammoth Red Pompeii,** A very fine variety, rivaling the Silver King in size; the skin is a delicate red, flesh nearly white and mild in flavor. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Prizetaker.** A yellow skinned variety of enormous size; globe shape; excellent flavored. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Giant Rocca.** A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Giant White Italian Tripoli.** Grows to an enormous size, is of a mild and pleasant flavor. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Large Italian Red Tripoli.** Bulbs of this variety were exhibited in England weighing 2½ pounds; flavor is exceedingly mild and pleasant. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

These sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the Onions can be used in the green state in June, or they will be ripened off in July.

**White.** Per qt., 30 cts.

**Yellow.** Per qt., 25 cts.

**Red.** Per qt., 25 cts.

**Potato Onion, (Multipliers.)** Per qt., 30 cts.

**Top or Button Onions.** Per qt., 30 cts.

**Shallots.** Per qt., 30 cts.

**White Multiplier.** Per qt., 30 cts.

Prices per bushel on application.

## PARSNIP.

German, *Pastinake.*—French, *Panais.*—Spanish, *Pastinaca.*

*One ounce will sow 200 feet of drill; 5 lbs. for 1 acre.*

Sow as early in spring as the weather will permit, in drills 15 to 18 inches apart, and ½ inch deep. The soil should be rich and deep, manured, if possible, the previous autumn. Thin out the young plants to about 6 inches apart, and keep the surface of the ground open and free from weeds. Aside from its merits as a table vegetable, the Parsnip is one of the best and most economical roots for field culture, as it not only produces an abundant and almost certain crop, but furnishes the most nutritious food for cattle, particularly adapted for and relished by dairy stock. It is perfectly hardy, and may remain in the ground through the winter; indeed the fine sugary flavor is only perfected by a severe frost.

**Long Smooth or Hollow Crowned.** A standard table sort; the best and most productive for field culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**The Student.** A fine flavored variety; recommended for small gardens. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb. 25 cts.; lb., 60 cts.

**Early Short Round French.** Adapted to shallow soils; very early and of good flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

CHAMPION MOSS CURLED PARSLEY.

## PARSLEY.

German, *Petersilie.*—French, *Persil.*—Spanish, *Peregil.*

*One ounce will sow 150 feet of drill.*

Parsley succeeds best in a rich mellow soil, As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring. Sow thickly in rows 1 foot apart and half an inch deep. For winter use protect in a frame or light cellar.

PARSLEY—*Continued.*

**Elliott's Emerald.** A variety of unsurpassed quality. Dwarf, finely crimped and curled. In color a beautiful green. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 85 cts.

**Champion Moss Curled.** A fine variety, beautifully curled; best for market and private use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Fern-Leaved.** A beautiful variety; valuable for table decoration. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Carter's New Perpetual.** A distinct and valuable variety that does not annually run to seed; finely curled and very robust. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

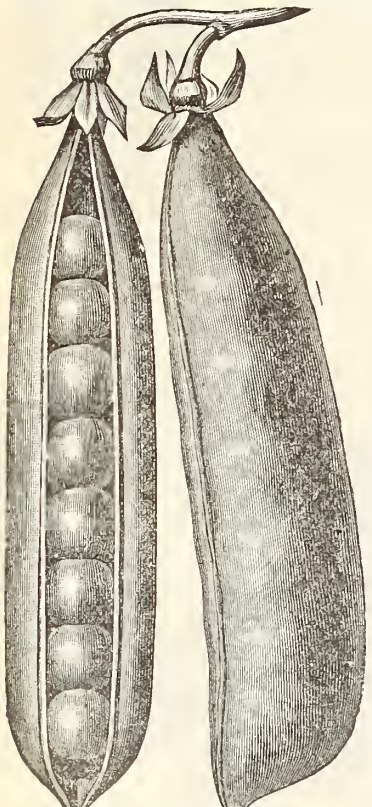
**Plain-Leaved.** Used in soups, etc., for seasoning. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts.

**Hamburg, or Rooted.** The roots are the portions used; good in flavoring soups and stews. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## PEAS.

German, *Erbse.*—French, *Pois.*—Spanish, *Guizante.*

*One quart will plant about 100 feet of drill; 1 1-2 bushels for 1 acre.*



ELLIOTT'S EARLIEST MARKET.

Peas luxuriate in a free, light, rather rich soil, abounding with vegetable matter. The ground should be manured, if possible, the previous autumn; well decomposed manure is the most suitable, and if applied at the time of planting, it should be thoroughly mixed with the soil, especially in the bottom of the drill. Plant the early varieties as soon as the ground can be worked, the others in succession from April to June. For private use they are generally sown in double or single rows, in drills about 2 feet apart and 3 inches deep, for the dwarf varieties, and 3 to 4 feet apart and 4 inches deep, for the taller varieties. Those growing over 2½ feet in height should be bushed.

☞Market Gardeners will be supplied by the bushel at reduced rates.

### Extra Early Varieties.

**Elliott's Earliest Market.** The best extra early pea in cultivation. Very uniform and robust in growth and produces an abundant quantity of good sized pods well filled with round, smooth peas of excellent flavor, The extreme earliness and uniformity in ripening the crop render this the most valuable variety for Market Gardeners, and no variety excells the Elliott's Earliest Market for the private garden. Height, 2½ feet, Per pt., 15 cts.; qt., 25 cts.; pk., $1.25; bush., $4.00.

**Improved Early Dexter.** A standard extra early variety recommended for private or market garden. Height, 2½ feet. Per qt., 20 cts.; pk., $1.00; bu., $3.75.

**Improved Daniel O'Rourke.** One of the most popular market varieties; 2½ feet. Per qt., 20 cts.; pk., $1.00; bu., $3.50.

**Philadelphia Extra Early.** A favorite variety; extensively grown in the South; 2½ feet. Per qt., 20 cts.; pk., $1.00; bu., $3.50.

**Chelsea.** This variety grows about 15 inches high and is of compact, short-jointed habit requiring no bushing. The pods are longer than any other early dwarf variety and remarkably well filled with peas of a rich, sugary marrow-like flavor. Seed wrinkled and white. Per pt., 20 cts.; qt., 30 cts.; pk., $1.50.

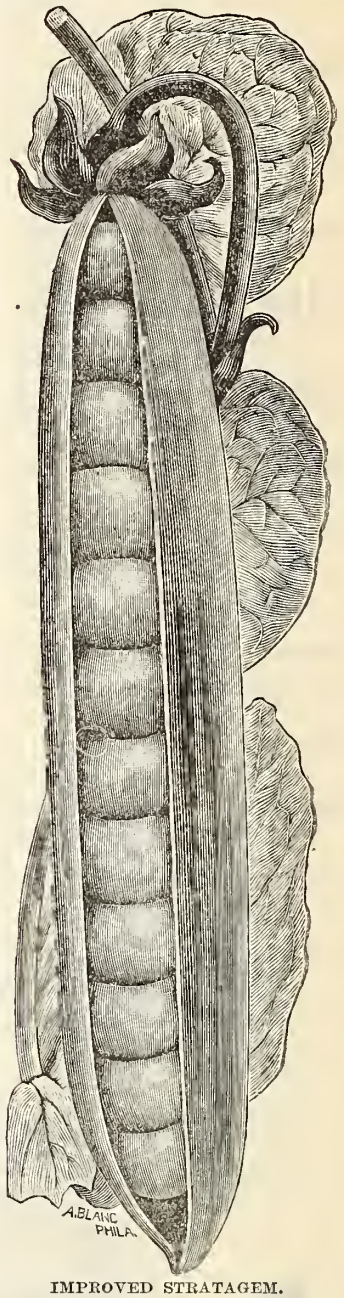
**American Wonder.** One of the best and most desirable varieties grown; being a cross between Champion and Little Gem is sufficient guarantee of its superior qualities; 1 foot. Per pt., 15 cts.; qt., 30 cts.; pk., $1.25.

**Laxton's Alpha.** A very early wrinkled marrow of superior quality; 3 feet. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Alaska.** An excellent early blue Pea, as early as Daniel O'Rourke; ripens uniformly; 2 feet. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Extra Early Premium Gem.** A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Height, 15 inches. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**McLean's Little Gem.** One of the best dwarf wrinkled marrows grown; very productive and of fine flavor; 1 foot. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.




IMPROVED STRATAGEM.

### SECOND EARLY VARIETIES.

**Heroine.** A green wrinkled pea growing about 2½ feet high, and very productive. The pods are long and exceedingly well-filled, often containing eight or ten peas of a rich buttery marrow-like flavor, that is excelled by no other variety. Per pt., 20 cts.; qt., 30 cts.; pk., $1.25.

**McLean's Advancer.** The standard market gardner's variety; for second early and principal crop; green wrinkled; pods long, well-filled, of excellent quality, unexcelled for private gardens; 2½ feet. Per pt., 15 cts.; qt., 25 cts.; pk., $1.00; bu., $3.50.

PEAS—*Continued.*

**Yorkshire Hero.** This magnificent variety has became very popular; as a main crop Pea it has few if any equals. Long, round pods closely filled with large, luscious, wrinkled peas; of extra fine quality for table use, and very productive. Per pt., 15 cts.; qt., 25 cts.; pk., $1.

**Horsford's Market Garden.** A cross between Alpha and Am. Wonder; extremely prolific, and of the best quality. Per pt., 15 cts.; qt., 25 cts.; pk., $1.

**American Champion.** One of the largest of all Peas, enormously productive and superior quality. The pods are produced in pairs, each containing 9 to 12 large peas. Habit tall branching requiring to be sown thinly. Height 4½ ft. Per pt., 20 cts.; qt., 30 cts.; pk., $1.50.

**Bliss's Abundance.** A dwarf variety, with large, dark, green foliage; pods from 3 to 3½ inches long, containing from six to eight large wrinkled Peas of excellent quality; 1½ ft. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Fillbasket.** One of the best second early Peas in cultivation; blue, of excellent flavor. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Small Early French. (Petit Pois.)** The true small French Pea, so extensively used in France for canning and for the table; 3 ft. Per pt., 15 cts.; qt., 25 cts.; pk., $1.50.

### FOR GENERAL CROP.

**Juno.** The best wrinkled main crop Pea in the market to-day. Vines robust in growth, pods stout, straight and usually borne in pairs. The pods are thick and well-filled with delicious, large, sweet dark green peas of the finest quality. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Improved Stratagem.** An improved variety, comprising all the good qualities of the old Strategem highly developed. The pods are of immense size, well filled with dark-green peas of the finest quality; a very heavy cropper. Height 2 ft. Per pt., 15 cts.; qt., 30 cts.; pk., $1.50.

**Champion of England.** One of the best known of the older varities; a tall-growing, green, wrinkled marrow; quality unsurpassed by any other Pea; pod medium; peas large; vine about 5 ft. Per qt., 20 cts.; pk., $1.00.

**Carter's Telephone.** This remarkable Pea is a week earlier than Champion of England; pods 5 to 7 inches in length and containing from eight to twelve peas of unequalled flavor; 3 ft. Per pt., 20 cts.; qt., 30 cts.; pk., $1.50.

**Everbearing.** This variety is branching in habit and should be sown thinner than other varieties. Height, 3 ft., foliage large, pods 3 to 4 inches long, peas large size and excellent quality. A continuous bearing sort, Per pt., 20 cts.; qt., 30 cts.; pk., $1.50.

**The Queen.** A most desirable late variety maturing after the Heroine. Vigorous and branching in habit, requiring to be sown thinly. Pods long, slightly curved and well filled with large peas of most delicious flavor. Height, 2½ ft. Per pt., 15 cts.; qt., 25 cts.; pk., $1.25.

**Veitch's Perfection.** A large and delicious marrow Pea, and an abundant cropper; 4 ft. Per pt., 20 cts.; qt., 40 cts,; pk., $2.50.

**Dwarf White Marrowfat.** An old variety of dwarf habit, and on that account preferable for small gardens; 3 ft. Per pt., 10 cts.; qt., 20 cts.; pk., $1.00.

**Black-Eye Marrowfat.** The standard variety for garden or field use; hardy and productive; 4 ft. Per pt., 10 cts.; qt., 20 cts.; pk., 75 cts.

**Canada Field.** For soiling, sow 4 to 5 bushels per acre, Per qt., 15 cts.; pk., 50 cts ; bush., $1.50.

### EDIBLE PODDED, OR SUGAR PEAS.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

**Dwarf Gray Seeded Sugar.** A prolific variety of fine quality; 2½ ft. Per pt., 20 cts.; qt., 40 cts.

**Tall Butter Sugar.** One of the most desirable sugar Peas in cultivation; 4 ft. Per pt., 30 cts.; qt., 60 cts.

## PEPPER.

German, *Pfeffer.*—French, *Piment.*—Spanish, *Pimiento.*

*One ounce will produce about 2,000 plants.*

Sow early in April in a hot-bed, in shallow drills 6 inches apart, and transplant to open ground as soon as the weather is warm and settled. Set the plants in mellow soil, in rows 16 inches apart and the same distance apart in the rows. The seed may also be sown in the open ground but not until all danger of frost is past.

**Large Bell, or Bull-Nose.** An early variety of mild flavor. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Sweet Mountain, or Mammoth.** Of large size, best for Mangoes. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

SWEET MOUNTAIN.

**Ruby King.** An excellent new variety, of large size and mild flavor. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Celestial.** Very prolific. Pods borne upright, conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for picking. Valuable for culinary or decorative purposes. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Golden Dawn.** Color bright golden yellow; very productive and mild. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb. 75 cts.

**Long Red Cayenne.** A small, long-shaped variety; very pungent; the Cayenne Pepper of commerce. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Chili.** Very piquant and prolific. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Sweet Spanish.** One of the largest; mild and pleasant; best for salads. Per pkt., 5 cts ; oz., 25 cts.; ¼ lb., 75 cts.

**Procopps Giant.** Large size, 8 to 9 inches long, brilliant scarlet color; flesh very thick and moderately hot. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Red Cherry.** A small, round Pepper of strong flavor; makes a very ornamental plant. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

## POTATO.

German, *Kartoffel.*—French, *Pomme de Terre.*—Spanish, *Patatas.*

*Prices may vary during the season.*

**Queen.** The best potato grown for early garden and general field planting. This variety closely resembles the Early Beauty of Hebron in color, size and shape, but is earlier and a heavier yielder. Per pk., 75 cts.; bush., $2.00; bbl., $4.00.

**Crown Jewel.** The extreme earliness of this variety makes it a most profitable potato for the market and home garden. A seedling of the Early Ohio. Its skin is white and smooth, eyes shallow, flesh white and floury, cooking evenly throughout. Per pk., 75 cts.; bush., $2.00; bbl., $4.25.

**Early Norther.** Several days earlier than Early Rose and equally prolific. Resembles Early Rose in shape but little longer; the eyes are few and shallow. An excellent table variety and very popular where tried. Per bush., $2.00; bbl., $4.00.

**Carman, No. 1.** An excellent main crop variety resembling the Rural New Yorker, No. 2 in shape; enormously productive. The flesh is peculiarly white and excellent quality; eyes few and very shallow. Per pk., 75 cts.; bush., $2.00; bbl., $4.00.

**Rural New Yorker, No. 2.** Medium early; are white oblong inclined to round, rather flattened; almost every potato marketable. A popular main crop variety, Per bush., $2 00; bbl., $4.00.

**Beauty of Hebron.** The best and most popular early variety in cultivation. Per bush,, $2.00; bbl., $4.00.

**Clark's No. 1.** Resembles Early Rose, but is more productive and earlier. Per bush., $2.00; bbl., $4.00.

**Early Ohio.** Very early, seedling of Early Rose. Per bush., $2.25; bbl., $4.25.

**Mayflower.** Resembles Snowflake in form and quality, but much earlier. Skin russeted and netted. Per bush., $2.00; bbl., $4.00.

**Pearl of Savoy.** A cross between Clark's No. 1 and Early Vermont; very early; of fine quality and very productive. Per bush., $2.00; bbl., $4.00.

**Early Rose.** One of the leading standard varieties. Early, productive and excellent quality. Per bush., $2.00; bbl., $4.00.

**Early Sunrise.** The true type of Early Rose. Per bush., $2.00; bbl., $4.00.

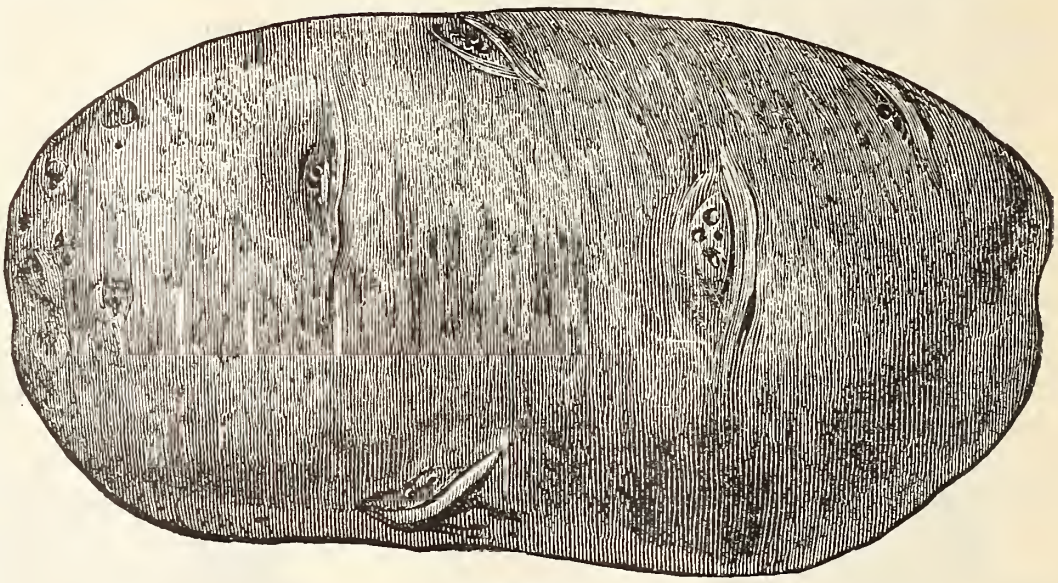
**White Elephant.** One of the best late sorts, productive and first quality. Per bush., $2.00; bbl., $4.00.

**White Star.** White flesh, fine floury texture. Per bush., $2.00; bbl., $4.00.

## PUMPKIN.

German, *Kürbis.*—French, *Courge.*—Spanish, *Calabaza.*

Pumpkins are grown chiefly as food for stock. They were formerly esteemed for culinary purposes, but at present are almost entirely superseded by the various squashes, which are in all respects much superior. The usual method of planting Pumpkins is to scatter a few seeds at intervals in the hills when planting Indian corn. In this way good crops of Pumpkins are secured with slight labor and expense.



QUEEN.

**Calhoun.** Medium size, very heavy and solid; productive and excellent quality. The outside is cream color, flesh very thick, fine grained and salmon-yellow color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Large Cheese.** A very hardy and productive variety; the best for cooking purposes. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

LARGE CHEESE PUMPKIN.

**Connecticut Field.** The common variety usually grown for feeding stock Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 25 cts.

PUMPKIN—*Continued.*

**Mammouth Tours.** This variety grows to an immense size, often weighing 150 pounds. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Nantucket Sugar.** The great pie Pumpkin of the Eastern States. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Early Sugar.** This variety is smaller than the Large Field, but of finer grain, sweeter and very prolific. First-rate either for the table or for feeding to stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

## RHUBARB.

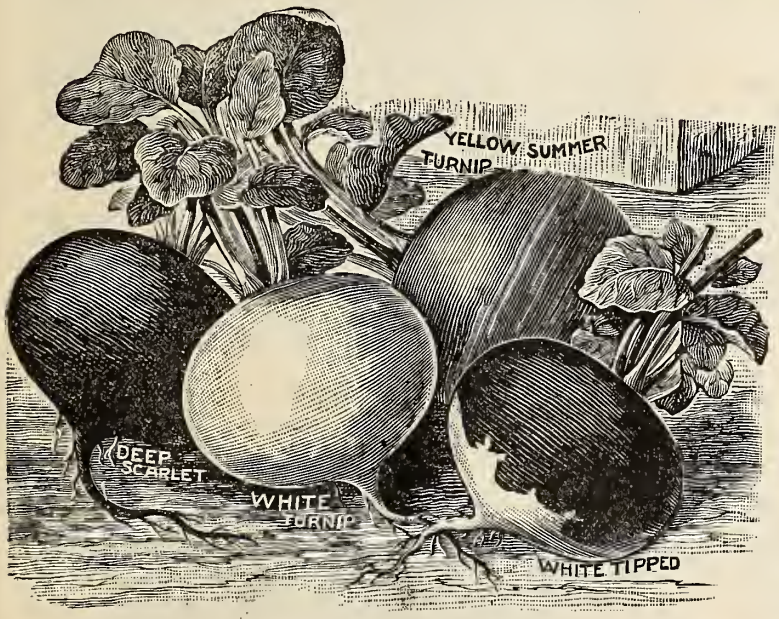
German, *Rhubarber.*—French, *Rhubarbe.*—Spanish, *Ruibarbo Bastardo.*

The Rhubarb or Pie Plant is grown from divisions of the roots and from seed. If the seed is sown in a good, mellow soil, strong plants will be obtained in one year, and some cutting may be done the second spring. Plants put out in a rich soil in the spring are in fine condition the second season.

**Victoria.** Large, fine for cooking. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Linnæus.** Large, tender and very fine. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1 50,

Roots of the above varieties, 10 cts. each; per doz., $1.00.




## RADISH.

German, *Rettig, Radieschen.*—French, *Radis, Rave, Petite Rave.*—Spanish, *Rabano.*

*One ounce will sow 100 feet of drill.*

There are two classes of Radishes, those for spring and summer use, which are small and arrive quickly at maturity, and those for winter use, which are large and mature slowly, and with proper care, can be kept all winter. The summer Radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in a light rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hot-bed in February. The winter varieties may be sown from the latter part of July to middle of September.

**Rapid Forcing.** This variety resembles the White Tipped Scarlet Turnip, but much earlier, maturing in 22 days from time of sowing. The best Radish for forcing and equally desirable for the garden. Per pkt, 5 cts,; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Scarlet Globe.** An extra early scarlet forcing variety. Short-leaved and excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Earliest Erfurt Scarlet Turnip.** The earliest variety, valuable alike for forcing or general sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Early Scarlet Turnip. (French Seed.)** A well-known and highly esteemed variety, extensively grown for market. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Scarlet Turnip, White Tipped.** Bright scarlet, fading to pure white at the base. Tender, mild flavor and early. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Deep Scarlet Turnip.** A new variety, perfect in shape; skin dark red; flesh white with very small tap root. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early White Turnip-Rooted.** Another sort for early use, round in form and of clear white color Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Scarlet Olive-Shaped.** Oval-shaped, tender and excellent. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**French Breakfast.** Scarlet with white tip, shape nearly oval, good for forcing or summer sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Early Short-Top Long Scarlet.** One of the standard sorts for market and private gardens. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Large White Summer Turnip.** The market gardener's favorite, large turnip-shaped, white, very crisp and mild. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Large Yellow Summer Turnip.** Like the above except in color. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Long Black Spanish Winter.** A large, long variety, one of the hardiest, firm in texture; keeping until spring. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Long White Spanish Winter.** Of milder flavor than the black varieties. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Scarlet China Winter.** One of the best fall and winter varieties; a favorite with the market gardeners; bright rose color, flesh white, firm and of superior quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**California White Winter.** A mammoth variety, growing 12 inches long, white-fleshed, firm and of excellent quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Beckert's Chartier.** A very attractive sort. Color bright salmon-scarlet, shading to white; very crisp, tender and mild. Per pkt., 5c.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

## SALSIFY, OR OYSTER PLANT.

German, *Bocksbart.*—French, *Salsifis.*
—Spanish, *Ostra Vegetal.*

*One ounce will sow 50 feet of drill.*

A very delicate and nutritious esculent, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

**Salsify, Long White.** Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30c.; lb., $1.00.

**Mammoth Sandwich Island.** A new large growing variety. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Scorzonera, or Black Salsify.** Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

## SPINACH.

German, *Spinat.*—French, *Epinard.*—Spanish, *Espinaca.*

*One ounce will sow 100 feet of drill.*

For early use, sow in August or September, in drills 12 to 14 inches apart, using 16 pounds of seed per acre. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in spring. For summer use, sow early in spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

SPINACH, VICTORIA.

**Victoria.** A new variety, with extra dark green leaves, and exceedingly long standing. Particularly valuable for spring sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

**Round Thick-Leaved.** The variety in most general use, equally good for spring or autumn sowing. Per pkt., 5 cts.; oz., 10 cts; ¼ lb., 15 cts.; lb., 35 cts.

**Large-Leaved Viroflay.** A very fine selection of the old lettuce-leaved Spinach; for summer use it is excellent. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

**Long Standing.** A desirable sort that does not incline to run to seed as much as others. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

**Bloomsdale Savoy Leaved.** Leaves wrinkled or curled; best for market growers or fall sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

**Prickly, or Fall.** An exceedingly hardy variety, adapted for fall sowing. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

**New Zealand.** A very desirable and distinct variety. It should be transplanted 2 by 3 feet. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## SORREL.

*One ounce will sow 150 feet of drill.*

The leaves possess a pleasant acid taste, and are mixed with salads, to which they impart an agreeable refreshing flavor.

**Large-Leaved French.** Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## SEA-KALE.

*One ounce will produce about 300 plants.*

**Sea-Kale** is very generally cultivated in Europe, and should be better known here. The flavor is somewhat like Asparagus, but thought to be better. The part eaten is the young shoots, that appear in the spring, and they are not good until blanched. Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

## SUNFLOWER.

The Sunflower is grown to a considerable extent as a profitable field crop, the leaves being used for forage and the seeds as food for poultry and the manufacture of oil; it is also grown to a large extent, and with good results, in low, swampy lands to absorb miasma.

**Large Russian.** Produces larger heads and more seeds than the common. Per pkt., 5 cts.; qt, 25 cts.; bush., $2.50.

## SQUASH.

German, *Kürbiss.*—French, *Courge.*
Spanish, *Calabasa Tomtanera.*

*Bush sorts, 1 oz. to 50 hills, 6 lbs. per acre. Running sorts, 1 oz. to 16 hills, 4 lbs. per acre.*

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, and the danger from the bugs is over, leaving three or four of the strongest plants per hill.

**Early Summer Bush Crookneck.** The best sort for summer; very early and productive. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Early Yellow Bush Scalloped.** An early, flat, scallop-shaped sort of deep orange yellow. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb,, 60 cts.

**Early White Bush Scalloped.** Similar in shape to the yellow; light, cream-colored. Both varieties are called "Patty Pan" in the Southern and Middle States. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

SQUASH—*Continued.*

**Golden Custard Bush.** Exceeds in size any of the scalloped sorts, frequently 2 feet in diameter. A dark rich golden yellow. Quality excellent. It grows in bush form, wonderfully productive. Per pkt., 5 cts.; oz., 10 cts., ¼ lb., 25 cts.; lb., 75 cts.

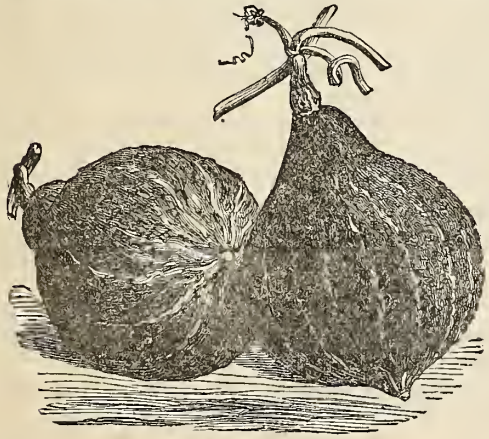
GOLDEN CUSTARD.

**Hubbard.** The standard winter Squash, grown more extensively than any other late variety; color dark green, shell extremely hard, flesh dry, fine grained and sweet; excellent keeper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts. **(See Cut.)**

**Marblehead.** Another excellent winter variety, of a bluish color; has all the qualities of the Hubbard; a very solid, heavy squash. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Essex Hybrid.** A cross between the Hubbard and Turban, with color, shape and qualities of the latter, and the dryness and hard shell of the former. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Early Prolific Marrow.** It is very prolific and of a deep rich color both inside and out, fine grained, rich flavor and unusually good keeper. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.



HUBBARD SQUASH.

**Pike's Peak or Sibley.** Skin smooth and thin; pale green color; flesh thick, solid; orange color; very dry; fine grain and delicate flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Boston Marrow.** The earliest of the fall sorts; is ready for use very soon after the summer varieties; rich orange color, good size, excellent flavor, keeps well. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Large Winter Crookneck.** An old and well-known variety, keeps remarkably well, not quite as rich or sweet as many others. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

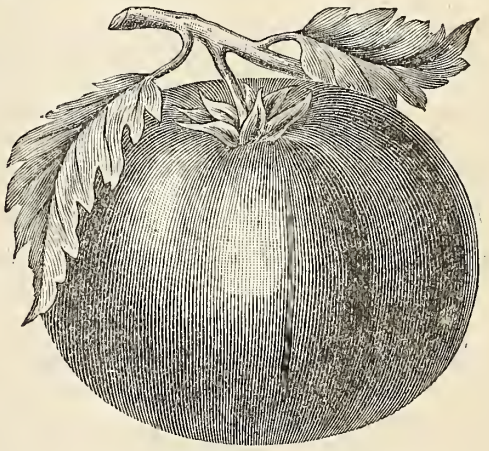
**Mammoth Chili.** Grows to an immense size if given high cultivation, sometimes weighing considerably over 100 pounds; valuable for table use or stock feeding. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Vegetable Marrow.** A favorite English sort, skin greenish-yellow, flesh white, soft, rich flavor. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.25.

## TOMATO.

German, *Liebesapfel.*—French, *Tomate.*—Spanish, *Tomate.*

To obtain fruit very early, sow in the hot-bed in March. In about five weeks plants should be transplanted to another hot-bed, setting them about 4 or 5 inches apart. Here they should remain, having all the air possible, until about the middle of May, when they may be put out in the ground. If not too early or too cold, a cold frame will answer for the first transplanting. Pinching off a portion of the side branches, and stopping others just beyond where the fruit is formed, hastens the ripening. Good plants can be grown in boxes in the house.



TOMATO.

**Imperial.** The earliest of all, smooth, solid, with few seeds, good size and a long keeper; ripens evenly to the stem without cracking. Color light red. Per pkt., 5 cts; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Early Ruby.** The earliest large size Tomato. Good form, rich crimson color, very solid; one of the leading market varieties. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts., lb., $2.50.

**Livingston's Beauty.** Handsome variety, growing in clusters; bright, glossy crimson, very solid, smooth and a good yielder, holding its size late in the season. Ripens with the Acme. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts., lb., $2.00.

**Acme.** One of the earliest, handsome, medium-size fruit, of a dark red color, tinged with purple. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb. $2.00.

**Livingston's Favorite.** Ripens evenly and early, very prolific, good flavor, few seeds, flesh solid; bears shipping well. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

TOMATO—*Continued.*

**Livingston's Perfection.** An early variety, perfectly smooth, ripens uniformly, and bears abundantly. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Trophy, Selected.** One of the best standard varieties; fruit large, smooth, bright red, solid and good flavor. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**The Stone.** A main crop variety; very large; bright scarlet color; smooth and very solid; ripens evenly to the stem without a crack. Per pkt., 5 cts.; oz, 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Ponderosa.** The largest sort in cultivation; very solid and meaty; almost free from seeds. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Mikado.** Very large, fairly smooth, solid and fine quality; color, purplish red; foliage distinct. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**The Lorillard.** Chiefly valuable for forcing, under glass, for which it has no superior, setting its fruit freer in midwinter than most other kinds do in July and August. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Peach.** Resembles a medium-sized Peach in size, form and color, with a firm fleshy texture, giving it a fruity appearance that makes it extremely handsome. Per pkt., 10 cts.; oz., 25 cts.

**Dwarf Champion.** The plant is of dwarf and compact growth, with thick, stiff, short-jointed stems. Very prolific. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**Golden Queen.** Color a beautiful canary-yellow, desirable for table use forming a beautiful contrast in a dish with red Tomatoes. Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

**Pear-Shaped.** Fine for preserving and pickling. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Plum-Shaped Yellow.** For preserving and pickling. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Cherry, Yellow and Red.** For preserving or pickling. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Strawberry, or Winter Cherry.** A distinct species, prized for preserving. Per pkt., 5 cts.; oz., 20 cts.

## TURNIP.

German, *Steckrübe.*—French, *Navet.*—Spanish, *Nabo Coman.*

*One ounce will sow 150 feet of drill; 2 pounds for 1 acre.*

For the spring crop, commence sowing the early varieties as soon as the ground can be worked, in drills 14 inches apart; thin out the plants to 5 or 6 inches apart Keep clear from weeds, and, when the bottom begins to enlarge, brush away the earth from about the roots to the depth of half an inch or more, and give them a light dressing of wood ashes. This is the surest mode of obtaining fair and smooth spring Turnips in old gardens, where they are almost certain to grow wormy if the earth is allowed to remain in contact with the bulbs. It is important to get them started very early, so that they may have time to grow of a sufficient size before very hot weather, when they will soon become tough and strong. For the fall and main crop, sow from the middle of July to the last of August, in drills, as directed for the spring sowing.

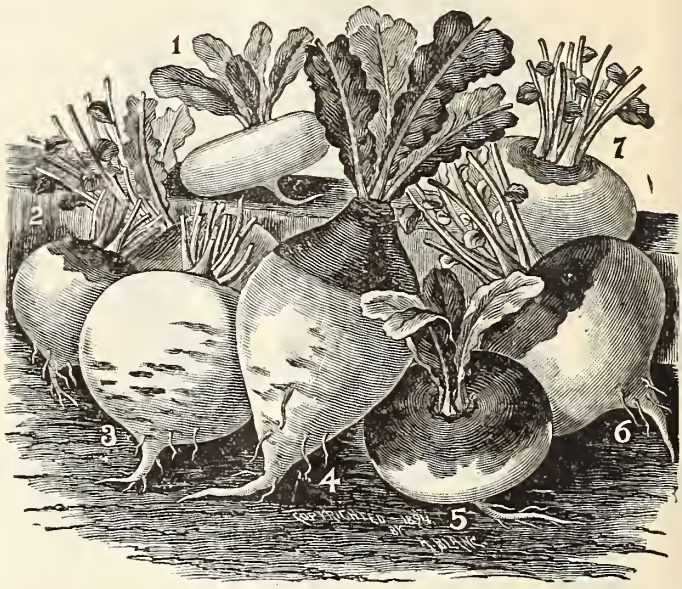
**Early Purple-Top Munich.** An extra early variety, needs to be used while young. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Early Purple-Top Milan.** An early strap-leaved variety, coming into use a week or ten days earlier than the ordinary sorts. Of better quality than the Early Munich. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

**Purple-Top Flat Strap-Leaf.** The popular early variety; excellent for market or private use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts. **(Cut 5.)**

**Purple-Top White Globe.** A very handsome globe-shaped variety; valuable for market garden purposes. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts,; lb., 50 cts. **(Cut 2.)**

**White Flat Strap-Leaf.** The best early white variety, for table or market use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts. **(Cut 1.)**




**Early White Egg.** Perfectly smooth and nearly egg-shaped; of rapid growth and of fine quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

**Early Snowball.** One of the best sorts for early sowing; crisp, tender and sweet; medium size, round and pure white. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts. **(Cut 3.)**

**Yellow Globe.** An excellent sort for early or late sowing; good cropper, fine keeper, used for table or stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

**Golden Ball.** Solid, sweet, good size, and keeps well. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts. **(Cut 6.)**

**Yellow Finland.** A small variety, flesh bright yellow, excellent for table use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

**Long White or Cowhorn.** A quick growing carrot-shaped variety; flesh fine grained and sweet; an excellent sort for table use. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts. **(Cut 4.)**

**Yellow Aberdeen.** A very hardy and productive variety of excellent quality, good for either table or stock. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts. **(Cut 7.)**

## RUTA BAGA TURNIPS.

Sow from the 20th of June to the middle of July, in drills, 2 feet apart, and thin out to 8 or 10 inches.

**Long Island Improved.** The finest variety of purple top Ruta Baga. It is twice the size of ordinary American stock. Per pkt, 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

**Improved American Purple-Top.** The best yellow flesh variety grown for stock or table. Per pkt., 5 cts.; oz,, 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

**Carter's Imperial Hardy.** An English variety resembling the preceding, very productive and of fine quality. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

TURNIP—*Continued*

**Skirving's Purple-Top.** (Imported Seed.) A very heavy cropper, one of the best for field culture. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

PURPLE-TOP RUTA BAGA.

**Long White French.** A very delicate flavored variety; an excellent keeper and fine for table. Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

## TOBACCO.

*One ounce will sow 25 feet square, and produce plants for 1 acre.*

Tobacco seed may be started in a hot-bed, or sown in the open ground, as early in the spring as the ground can be worked. Prepare a bed in rich, dry ground, with a southern exposure; the bed should be burned over to kill the seeds of weeds and wild grasses, or they will spring up before the tobacco plants and destroy them. After this is done, rake it off fine, and sow the seed. A tablespoonful is sufficient for 100 yards. Sow broadcast, and hard roll or press down the soil evenly and firmly. When the young plants appear, keep free from weeds and water frequently. If the weather is dry, set out about the first of June in land that has been heavily manured. Tobacco thrives best in a light, rich, sandy or gravelly soil; plant about 3 feet apart. Look out for the "tobacco worm," which must be removed as fast as it appears, or it will quickly destroy the crop.

**Connecticnt Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Per pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Primus.** A new variety and the earliest to ripen; especially adapted to planting far North. Per pkt., 10 cts.; oz., 40 cts.

**Yellow Prior.** A favorite variety, largely grown in the West. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

**Sterling.** The newest and brightest of the yellow type. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., $1.00; lb., $3.00.

**Turkish.** Stands heat and drought better than all others. Per pkt., 10 cts.; oz., 40 cts.

**Havana.** Choice imported seed. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

## HERBS.

Herbs are available for culinary and medicinal purposes; they are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in spring, as soon as the weather is warm, and thin out as the plants grow up; or the seed may be sown under glass, and the young plants afterwards transplanted to their respective beds. The perennial kinds should occasionally be divided, and transplanted in spring. Those marked with a * are perennial, and when once obtained in the garden may be preserved for years.

**Anise.** Per pkt., 5 cts.; oz., 15 cts.
**Balm.*** Per pkt., 5 cts.; oz., 25 cts.
**Basil, Sweet.** Per pkt., 5 cts.; oz., 20 cts.
**Bene.** Per pkt., 5 cts.; oz., 20 cts.
**Borage.** Per pkt., 5 cts.; oz., 20 cts.
**Catnip or Catmint.** Per pkt., 10 cts.; oz., 40 cts.
**Caraway.*** Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.
**Coriander.** Per pkt., 5 cts.; oz., 10 cts.
**Dill.** Per pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.
**Lavender.*** Per pkt., 5 cts.; oz., 25 cts.
**Fennel.*** Per pkt., 5 cts.; oz., 10 cts.
**Hyssop.** Per pkt., 5 cts.; oz., 25 cts.
**Horehound.*** Per pkt., 5 cts.; oz., 20 cts.
**Marjoram, Sweet.*** Per pkt., 5 cts.; oz., 20 cts.; lb., $1.50.
**Opium Poppy.** Per pkt., 5 cts.; oz., 25 cts.
**Rosemary.*** Per pkt., 5 cts.; oz., 30 cts.
**Rue.*** Per pkt., 5 cts.; oz., 15 cts.
**Saffron.** Per pkt., 5 cts.; oz., 10 cts.
**Sage.** Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.
**Savory, Summer.** Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.
**Tansy.*** Per pkt., 10 cts.; oz., 30 cts.
**Thyme.** Per pkt., 5 cts.; oz., 30 cts.; ¼ lb., 80 cts.
**Wormwood.** Per pkt., 5 cts.; oz., 25 cts.

## BIRD SEEDS.

*Prices variable.*

Canary seed, per lb., 10 cts. Rape Seed, per lb., 10 cts., 100 lbs., $5.50. Hemp Seed, per lb., 10 cts; 100 lbs., $6.00. Vetches for Pigeons, per lb., 10 cts.; 100 lbs., $6.00. Millet, per lb., 10 cts.; 100 lbs., $3.50. Maw, per lb., 20 cts. Lettuce Seed, per oz., 5 cts.; lb., 40 cts. Unhulled Rice, per lb., 15 cts. Gravel for Cages, per qt., 6 cts. Mixed Bird Seed, per lb., 10 cts.; 100 lbs., $6.00.

## VEGETABLE PLANTS AND ROOTS.

**Asparagus Roots.** (See page 1.)
**Cabbage Plants.** Ready in March and April. $1.00 per 100, $7.50 per 1,000.
**Cauliflower Plants.** Ready in April. $2.00 per 100; $15.00 per 1,000.

Late Cabbage and Cauliflower plants ready in June, at reduced price.

**Celery Plants.** Ready in July. Per 100, 75 cts.; 1,000, $5.00.
**Chives.** Per clump, 25 cts.; doz., $2.50.
**Egg Plants.** Ready May 15. Pot-grown. 75 cts. per doz.; $5.00 per 100.
**Horse Radish Sets.** Per doz., 15 cts.; 100, 50 cts.; 1,000, $4.00.
**Lettuce Plants.** Ready in April or May. 15 cts. per doz.; $1.00 per 100.
**Pepper Plants.** Ready May 15. Per doz., 75 cts.; 100, $5.00.
**Rhubarb Roots.** 10 cts. each; $1.00 per doz.
**Tarragon Roots.** 35 cts. each; $3.50 per doz.
**Tomato Plants.** 30 cts. per doz.; $2.00 per 100.

In this department we catalogue all those varieties and strains which in our long experience we have found to possess sterling merit. We do not handle cheap seeds—that is, seed of poor or unknown quality, but aim to give our customers stock of known reliability, fresh and true to name.

**We deliver all Flower Seeds free to any Post Office in the U.S. or Canada.**

### ABRONIA.

Beautiful trailing plants, with Verbena-like clusters of sweet scented flowers, which continue in bloom a long time, and are excellent for bouquets. Very effective in beds, rockwork, or hanging baskets. Peel off the outer skin of the seeds before sowing. Half-hardy annuals.

**Umbellata.** Rosy-lilac, white center . . . . . Pkt. 5
**Arenaria.** Waxy yellow. Very fragrant . . . . . 5

### ABOBRA.

A beautiful rapid-growing climbing gourd, with finely cut dark green foliage, and small oval, bright scarlet fruit. Roots may be kept like the Dahlia in winter.

**Viridiflora.** Half-hardy perennial, 10 ft. . . . . 5

ABUTILON.

### ABUTILON.

(CHINESE BELL FLOWER.)

Popular and easily grown greenhouse or indoor plants, with drooping bell-shaped flowers, richly veined and striped. Grow rapidly in sandy loam, and are very effective when plunged in the border in summer. Half-hardy shrubs.

**Extra fine Mixed.** From new fertilized sorts . . . . . 25

### ACROCLINIUM.

One of the most beautiful of the everlasting flowers, excellent for winter bouquets for which purpose they should be cut when they begin to expand, and carefully dried. Sow in hot-beds and transplant. Annuals, 1 ft.

**Album.** Pure white . . . . . 5
**Roseum.** Bright rose . . . . . 5
**Single Mixed.** . . . . . 5
**Double Mixed.** . . . . . 10

### ACACIA.

Charming plants for the greenhouse or conservatory in winter and for garden decoration in summer. Flowers are produced in great abundance on long spikes and are very showy.

**Fine Mixed.** . . . . . Pkt. 10

### ACANTHUS.

Coarse yet stately herbaceous plants, with striking foliage, flourishing in almost any soil or situation. Hardy perennial.

**Mollis.** Purple and white, 3 ft. . . . . 10

### ANCONITUM.

(MONKSHOOD.)

Ornamental free-flowering hardy plants, succeeding well under the shade of trees. Hardy perennial. 2 ft.

**Napellus.** Blue . . . . . 5

### ACHIMENES.

Elegant and free-flowering tuberous-rooted greenhouse plants, combining great beauty with richness and brilliancy of color.

**Choice Varieties Mixed** . . . . . 50

### ACHILLEA.

**Ptarmica Plena.** A very free blooming plant of branching habit. Useful for cut-flowers or for planting in cemeteries. Hardy perennial, 1 to 2 feet high . . . . . 10

### ADLUMIA.

(MOUNTAIN FRINGE.)

A beautiful perennial climber, with elegant foliage, resembling the maiden-hair fern. Sow the seed in May where they are to remain, and they will bloom the following season. Hardy perennial, 10 ft.

**Cirrhosa.** Pink . . . . . 5

## ADONIS.

**Aestivalis.** (Flos Adonis.) Also known as Pheasant's Eye. Of easy culture, blooms early remaining a long time, flowers dark crimson with lighter centre. Hardy annual. 1 ft. . . . . Pkt. 5

## AGERATUM.

Profuse blooming plants; very showy when planted in clumps or masses. They are invaluable for bouquets, and, if lifted and potted in fall, will bloom all winter in the house. Half-hardy annuals.

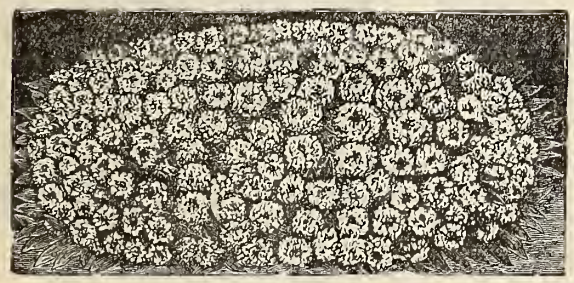
**Ada Bowman.** New. Delicate blue, 1 ft . . . . . 10
**Conspicuum.** White; blooms until frost, fine for bouquets, 1½ ft . . . . . 5
**Lasseauxii.** Very fine rose color, 1½ ft . . . . . 5
**Mexicanum Blue.** 1½ ft . . . . . 5
**Imperial Dwarf.** Dark blue, 8 inches . . . . . 5
**White.** 8 inches . . . . . 5
**Little Dorrit.** Azure blue; very floriferous, 6 inches . . 10

## AGROSTEMMA.

(ROSE OF HEAVEN.)

An attractive free blooming hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms first season. Fine for cutting; 1 to 2 feet.

**Mixed Sorts** . . . . . 5



## ALYSSUM.

The sweet Alyssum has pretty little white flowers, useful in making up in all kinds of small bouquets, and its fragrance, while sufficiently pronounced, is very delicate. The Alyssum grows freely from seed, either under glass or in the open ground.

**Cloak of Ermine.** The most dwarf of all varietis, height 2 to 3 inches. Excellent for beds, borders or pots . . Pkt. 10
**Little Gem.** Distinct, fragrant variety, 4 inches high . . 5
**Sweet.** Hardy annual, 1 ft. Per oz., 40 cts . . . . . 5
**Benthami Compactum.** This variety grows about 6 inches high and is thickly studded with pure white flower spikes . . . . . 5
**Saxatile Compacta.** (Rock or Golden Alyssum.) Showy yellow, ¾ ft. Hardy perennial . . . . . 5

## AMARANTHUS.

The foilage of these plants is handsome in the extreme. A. Salicifolius, Henderi, and Princess of Wales, form splendid pot plants, and are also very effective for centers of beds and backgrounds of borders. A. Mel. Ruber is a very excellent bedding plant, contrasting well with Golden Feather, Cineraria Maritima, etc. Sow the seed early, and set out last of May, or in June. Annuals.

**Marguerite.** Flowers rich purple . . . . . 10
**Bicolor Ruber.** Scarlet and orange foliage. 2 ft . . . . 5
**Caudatus.** (Love Lies Bleeding.) Crimson, 3 ft . . . . 5
**Cruentus.** (Prince's Feather.) Scarlet 3 ft . . . . . 5
**Henderi.** Very brilliant foliage; splendid, 3 ft . . . . . 5
**Melancholicus Ruber.** Dark crimson foliage . . . . . 5
**Princess of Wales.** Carmine, orange green, and bright yellow . . . . . 5
**Salicifolius.** (Fountain Plant.) Scarlet and purple; one of the handsomest, 3 ft . . . . . 5
**Tricolor.** (Joseph's Coat.) Red, yellow and green foliage, 2 ft. Per oz., 40 cts . . . . . 5

## AMMOBIUM.

Useful for dried bouquets and winter decorations; a showy border annual. Sow last of May. Succeeds well in any soil.

**Alatum.** White, 2 ft. . . . . 5

## AMPELOPSIS.

**Veitchii.** (Japanese Ivy.) A gem among the climbers, with most graceful shaped and rich deep-colored foliage, clinging to the merest support; one of the most beautiful. Perfectly hardy. Per oz., 50 cts. . . . . 10

## ANEMONE.

(WIND-FLOWER.)

Beautiful hardy perennial, easily grown from seed, flowering early in spring; fine for bouquets.

**Coronaria.** (Garden Anemone.) Mixed colors, 1 ft. . . . . 5

## ANGELONIA.

A beautiful plant for greenhouse culture in winter or the open border in summer, having long spikes of cup-shaped, very sweet scented flowers. It blossoms the first season.

**Grandiflora.** Violet spotted white, 1½ ft. . . . . 25

## ANTHEMIS.

**Arabica.** A beautiful free flowering annual; flowers golden yellow; constantly in flowers . . . . . 5

## ANTIRRHINUM.

(SNAPDRAGON.)

Old garden favorites with odd shaped flowers of brilliant colorings and very pretty spotted throats; deliciously fragrant. Of easiest culture, blooming the first season from seed and thriving in any soil. The tall sorts are most desirable for cut flowers, while the dwarf make the best plants for edgings or pots.

ANTIRRHINUM—*Continued.*

### Majus, Tall Sorts.

**Album,** pure white . . . . . Pkt. 5
**Albo-roseum,** white, with rose lip . . . . . 5
**Brilliant,** scarlet, gold and white . . . . . 5
**Firefly,** scarlet, white throat . . . . . 5
**Lilacinum,** lilac . . . . . 5
**Nigrescens,** dark purple . . . . . 5
**Striatum,** fine striped varieties . . . . . 5
**Mixed,** all varieties . . . . . 5

Collection 1 pkt. each above 7 sorts, 25c.

### Tom Thumb, Dwarf Sorts.

**Album,** pure white . . . . . 5
**Album Rubro Striatum,** white, striped rose . . . . . 5
**Brilliant,** scarlet, gold and white . . . . . 5
**Firefly,** scarlet, white throat . . . . . 5

ANTIRRHINUM.

**Kermesinum,** brilliant crimson . . . . . 5
**Luteum,** yellow . . . . . 5
**Striatum,** finest striped varieties . . . . . 5
**Mixed,** all varieties . . . . . 5

Collection 1 pkt each above 7 sorts, 25c.

## AQUILEGIA.

(COLUMBINE.)

This pretty and interestingly varied genus of plants scarcely meets with the amount of consideration it descrves. When fully established, the Aquilegias will stand frost well, and the earliness and abundance of their blooms ought to render them general favorites. Many of the varieties are extremely beautiful. Hardy perennials.

**Californica Hybrida.** Large pale yellow flowers with dark orange spurs . . . . . 15
**Chrysantha.** Golden yellow; fine . . . . . 10
**Cærulea Hybrida.** One of the most beautiful species . . 15
**Glandulosa Vera.** Very large, erect, dark blue flowers, tipped with white; beautiful . . . . . 15

AQUILEGIA.

**Skinneri.** Scarlet, tipped with yellow, very handsome species . . . . . Pkt. 10
**Vulgaris fl. pl.** Fine double varieties, mixed . . . . . 5

## ARNEBIA.

**Cornuta.** A charming annual with curious and exceedingly beautiful flowers, of a rich yellow, with five large black spots, the latter changing in the second day to deep maroon, and on the third to clear yellow . . . . . 25

## ARABIS.

**Alpina.** The earliest and prettiest spring flower. Will thrive in any dry soil and is particularly adapted to rockeries and broad borders. The spreading tufts are densely clothed with neat bright green leaves and covered with pure white flowers soon as the snow disappears. Hardy perennial, 6 inches . . . . . 10

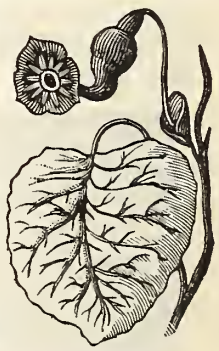
## ARALIA.

**Sieboldi.** A beautiful decorative greenhouse plant, with large, ornamental leaves; very useful as a house plant. New seed ready in April . . . . . 10

## ARISTOLOCHIA.

(DUTCHMAN'S PIPE.)

**Sipho.** An exceedingly ornamental hardy climbing plant, with a profusion of massive bright green foliage and flowers resembling a Dutch smoking pipe. Hardy perennial, 30 ft. . . . . 10



ARISTOLOCHIA.

## ARMERIA.

(THRIFT, SEA PINK.)

**Maritima.** A pretty little hardy perennial plant, very useful for edging. Rosy pink, ½ ft. . . . . 10

## ASPARAGUS.

(CLIMBING.)

**Broussoneti.** One of the finest of hardy climber; it has the beautiful feathery foliage of the ordinary Asparagus in the form of a graceful running vine. Invaluable for decorative purposes. Hardy perennial. Bright red berries. 10 feet . . . . . 10

## ASTERS.

Of the general beauty of these annual flowers it is unnecessary to mention; the immense world-wide demand for them shows their adaptability for any climate; and coming into blossom, as they do, when most other flowers are fading away, enhances their value. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers. Sow in shallow boxes in greenhouse, hot-bed or light windows in temperature of 60 degrees, cover seeds to a depth of about four times their size, press down with a board, water with a fine spray and do not allow to dry out. Transplant when three or four leaves are developed, and plant out when danger of frost is over. May also be sown in open ground when danger of frost is past.

VICTORIA.

### Perfection Asters.

(TRUFFAUT'S IMPROVED PÆONY FLOWERED.)

A favorite class. Flowers large, almost perfectly round, with incurved petals. Height 18 in. to 2 ft.

**Pure White** . . . . . Pkt. 10
**Glowing Crimson** . . . . . 10
**Light Blue** . . . . . 10
**Light Blue, edged white** . . . 10
**Rose** . . . . . 10
**Purple** . . . . . 10
**Carmine, edged white** . . . . 10
**Mixed colors** . . . . . 10

PERFECTION.

### Victoria Asters.

A magnificent strain, the flowers ars large, perfect in form and beautifully imbricated, each plant bearing 20 to 40 flowers. Height 15 to 18 inches.

**White** . . . . . 10
**Scarlet** . . . . . 10
**Purple** . . . . . 10
**White Tinted Rose** . . . . . 10
**Peach Blossom Pink** . . . . . 10
**Crimson** . . . . . 10
**Light Blue** . . . . . 10
**Mixed colors** . . . . . 10

### Comet Asters.

A beautiful and distinct class with long curled and twisted petals forming a loose, yet dense half-globe, resembling a Japanese Chrysanthemum.

**Pure White** . . . . . Pkt. 10
**Peach Blossom** . . . . . 10
**Dark Rose** . . . . . 10
**Carmine** . . . . . 10
**Pink Bordered White** . . . . 10
**Light Blue** . . . . . 10
**Dark Blue** . . . . . 10
**Mixed colors** . . . . . 10

### Various Asters.

**Queen of the Market.**

Very early, most useful for cutting.

**Pure White** . . . . . Pkt. 10
**Rose** . . . . . " 10
**Crimson** . . . . . " 10
**Light Blue** . . . . . 10
**Dark Blue** . . . . . 10
**Mixed colors** . . . . . 10

**Mignon.** Beautiful variety, resembling in form the Victoria race, but more free flowering.

**Pure White** . . . . . Pkt. 15
**Mixed colors** . . . . . 15

**Washington.** Finest mixed. Splendid; extra large flowering, and very double, 2 ft . . . . . 10

**Dwarf Chrysanthemum-Flowered.** Large flowers, free bloomer, ¾ feet.

**Pure White.** . . . . . Pkt. 10
**Peach Blossom Pink** . . . . . " 10
**Fiery Scarlet** . . . . . " 10
**Light Blue** . . . . . 10
**Mixed colors** . . . . . 10

**Lilliput.** Pure white. Small flowers in great abundance, excellent for cutting . . . . . 15

**Giant Emperor.** Flowers of great size, very double, fine brilliant colors, robust growth.

**Mixed Colors** . . . . . 10

**Dahlia Flowered Snowball. (White Princess.)** A very popular white variety of recent introduction, the flowers of which closely resemble those of the Liliput Dahlia. Excellent for pot culture and a good bedding variety . . . . . 15

COMET.

VARIOUS ASTERS—*Continued.*

**Triumph.** The most beautiful and perfect of all Dwarf Asters.

**Scarlet** . . . . . Pkt. 10 **Scarlet Edged White** . Pkt. 10

**Late Flowring Branching.** These Asters are strong growers of branching habit and continue to bloom later in the season than any other variety. Flowers large, loose and graceful, resembling Chrysanthemums.

**White** . . . . . Pkt. 10 **Shell Pink** . . . . . 10
**Lavender** . . . . . " 10 **Crimson** . . . . . 10
**Mixed, all Varieties** . . . . . 10
**Cocardeau or Crown.** Finest mixed. Center of flowers white, with brilliant colors outside. ——— . . . . . 10
**Betteridge's Quilled.** Finest mixed. Perfectly double quilled flowers, 1½ ft . . . . . 5
**Boltze's Dwarf Bouquet.** Finest mixed. Very profuse in bloom, ¾ ft . . . . . 10
**German and French.** Finest double mixed from the best imported varietes. Per oz., $1.00 . . . . . 10
**China.** Fine mixed. Per oz., 75 cts . . . . . 5

### Collections of German Asters.

(AS IMPORTED.)

**Victoria,** in twelve separate colors . . . . . 85
**Truffaut's Pæony Perfection,** twelve separate colors . . . 75
**Comet,** eight separate colors . . . . . 60
**Washington,** six separate colors . . . . . 50
**Betteridge's Quilled,** twelve separate colors . . . . . 50
**Dwarf Chrysanthemum-Flowered,** twelve separate colors . . 75
**Cocardeau or Crown,** six separate colors . . . . . 40

## ASPERULA.

A profuse blooming hardy plant, well adapted for shaded situations among trees, bearing clusters of fragrant flowers. Admirable for bouquets.

**Azuera Setosa.** Light blue. Annual, 1 ft . . . . . 5
**Odorata.** (Woodruff.) White, very fragrant. Perennial, 1 ft . . . . . 5

## AURICULA.

(PRIMULA AURICULA.)

Charming spring out-door and pot-plants, succeeding best in partial shade. Half-hardy perennial, ½ ft.

**Finest Mixed** . . . . . 25

## AZALEA.

Evergreen shrubs, universally admired for their beautiful flowers, which are produced in great profusion.

**Indica.** Finest mixed. Greenhouse evergreen shrubs; flowers very beautiful . . . . . 25

## BALLOON VINE.

(CARDIOSPERMUM.)

A very pretty and rapid growing climber, succeeding best in a warm situation. It produces a very curious inflated capsule, from which it derives the name of Balloon Vine.

**Halicacabum.** White, 6 ft . . . . . 5

## BALSAM.

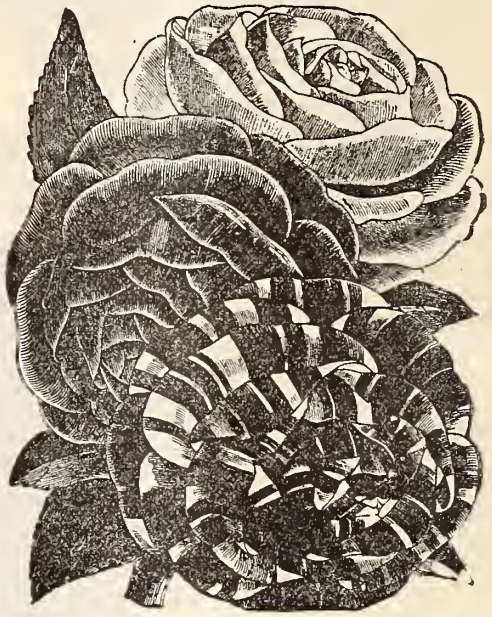
(LADY'S SLIPPER.)

Very showy and attractive, producing, in profusion, masses of most beautiful and brilliant colored flowers. They require an exceedingly rich soil to be grown to pertection.

**Improved Double Rose-flowered.** Large flowering, perfect form, an excellent strain.

**White** . . . . . Pkt. 5 **Scarlet** . . . . . Pkt. 5
**Pale Yellow** . . . . . " 5 **Crimson** . . . . . 5
**Flesh Color** . . . . . " 5 **Lilac** . . . . . 5
**Rose** . . . . . " 5 **Violet** . . . . . 5

**Extra Choice Double Mixed** from choicest varieties, oz., $1.50 . . . . . 10



BALSAM.

**Fine Double Mixed,** oz., 50 cts . . . . . 5
**Elliott's Double White Perfection.** Perfect form, large blossoms of great substance . . . . . 10
**Solferino.** Satiny white, streaked and spotted with crimson and lilac . . . . . 10
**Imported Collection of twelve seperate colors** . . . . 1.00
**Imported Collection of six separate colors** . . . . . 50

## BARTONIA.

A showy flowering plant, producing a profusion of fine, bright metallic-yellow blossoms, about two and a half inches across. The leaves are thistle-like, and dark green, covered with down. Annual, 1 ft.

**Aurea.** Golden yellow . . . . . 5

## BIDENS.

A beautiful composite, producing rich purple-black flowers in great profusion.

**Atrosanguinea.** Purple-black, 2 ft . . . . . 5

## BRACHYCOME.

(SWAN RIVER DAISY.)

Very pretty low growing plants, fine for boarders, rustic work or pot culture, covered during summer with a profusion of Cineraria-like flowers. Half-hardy annual.

**Iberidifolia.** (Swan River Daisy.) Mixed blue and white, ½ ft . . . . . 10

## BEGONIA.

A beautiful class of plants for the greenhouse, conservatory or parlor, producing brilliant colored flowers in great profusion, the effect of which is heightened in many of the varieties by the beauty of their charming foliage. Succeed well in a moist, shady border, or in masses on lawns. Readily grown from seed. The tubers should be kept warm and dry during winter.

**Laing's Gold Medal Hybrid.** These tuberous Begonias have attained a world-wide reputation. Seed of this unrivaled collection procured direct.
Single, choicest mixed . . . . . Pkt. 50
Double, choicest mixed . . . . . 75

**Sharffiana.** New. Large, pure white flowers. Distinct . . . . . 25

**Double Mixed.** (Tuberous rooted.) Saved from the very finest hybrids . . . . . 25

**Single Mixed.** (Tuberous rooted.) From finest single varieties . . . . . 15

**Rex.** Ornamental leaved varieties, extra mixed . . . . 50

**Vernon.** This most remarkable variety, coming absolutely true from seed, is of unusual value for bedding, as it will stand our hot summer sun. From seeds sown in February it comes into flower in June and continues to make a most striking effect in beds or borders throughout the entire summer. The flowers are of an *intensely brilliant deep red color*, the foliage is very abundant, stiff, and glossy and of a fine green color, spotted and margined with *bronze purple* . . . . . 10

## BOCCONIA.

Stately evergreen shrubs, with ornamental foliage; well adapted for lawns, either singly or in groups, they will require some protection through the winter, by straw or mulch. Easily cultivated in loamy soil, and increased from seed and cuttings in sand, in gentle heat under glass.

**Japonica.** Splendid foliage and clusters of pure white flowers, 4 to 6 ft. . . . . 5

## BROWALLIA.

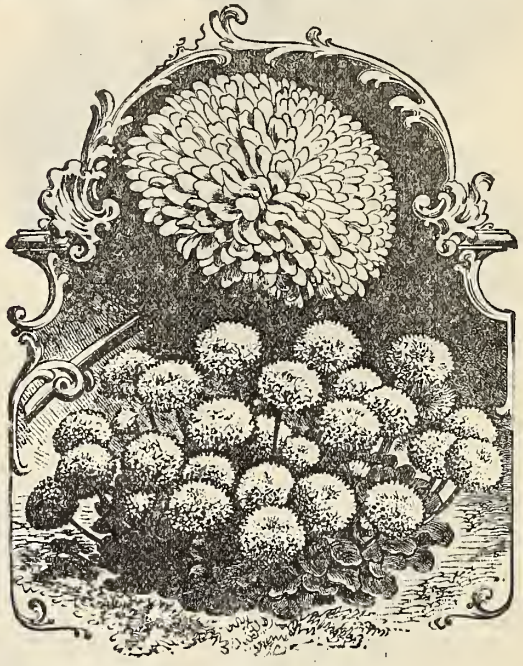
Free flowering plants growing easily in any rich soil, and covered with beautiful flowers during the summer and autumn months. Half-hardy annual, 1½ feet.

**Czerwiakowski.** Deep blue, very fine centre . . . . . 10
**Elata Grandiflora.** Sky blue . . . . . 5

## BELLIS.

(DOUBLE DAISY.)

Charming little plants for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Not all will come double from seed, and the single ones should be pulled out. Sow early in hot-bed, and when large enough, transplant to a rich, cool, partially shaded situation. Set the plants six inches apart. Roots can be divided any time. Flowers are most abundant in spring.



BELLIS (DOUBLE DAISY.)

**Alba fl. pl.** Pure white, double . . . . . Pkt. 10
**Rubra fl. pl.** Red, double . . . . . 10
**Snowball.** Large flowering, pure white, double . . . . 15
**Longfellow.** Large flowering, dark rose, double . . . . 15
**Finest Mixed** . . . . . 10

## BRYONOPSIS.

A pretty climber, with ivy-like foliage and beautifully marked green fruit, which changes to bright scarlet marbled white. Half hardy annual.

**Erythrocarpa.** 10 ft. . . . . 5

## CACALIA.

(TASSEL FLOWER)

Free-growing, profuse flowering plants, with tassel-shaped flowers. Hardy annual, 1½ feet.

**Mixed colors** . . . . . 5

## CALAMPELIS.

(ECCREMOCARPUS.)

**Scaber.** A quick-growing climber, attaining a height of 10 feet in a season, and bearing profusely clusters of orange colored tube-like flowers. Half-hardy annual . . . . . 10

## CALANDRINIA.

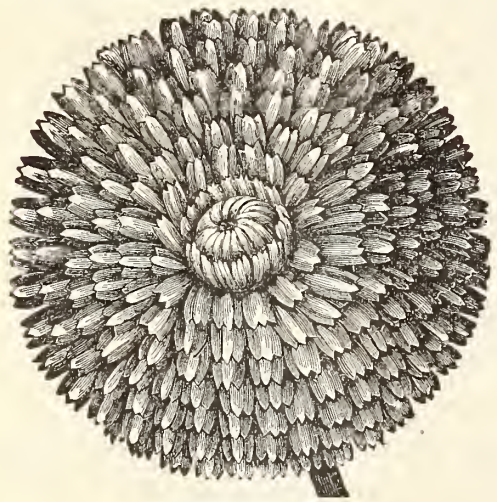
Very beautiful free-flowering plants, well adapted for rock-work, or any dry, hot situation. Hardy annual.

**Fine Mixed,** ½ ft. . . . . 5

## CALCEOLARIA.

A favorite and universally admired genus, remarkable for their large, beautifully spotted blossoms, which are very showy. They are perennial, are grown in pots in the conservatory, greenhouse and garden. Sow the seed in Angust or September, for early flowering, in a light, rich compost. Tender perennials.

**Herbaceous.** (Williams' superb strain.) Enormous flowers of exquisite and varied colors . . . . . Pkt. 75
**Hybrida Grandiflora.** Flowers of immense size; seed saved from finest specimens . . . . . Pkt. 25 and 50
**Pumila Tigrina.** Large-flowered dwarf, finest mixed . . . . . 25 and 50
**Rugosa.** Shrubby, finest mixed. Saved from the best shrubby bedding varieties only . . . . . 50



## CALENDULA.

(POT MARIGOLD.)

Showy, free-flowering, hardy annuals, producing a fine effect in beds or borders, and flowering very late in the autumn. Extensively used by florists; grow well in any good garden soil.

**Meteor.** Double; light orange striped flowers. 1½ ft. Per oz,, 50 cts . . . . . Pkt. 5
**Prince of Orange.** Double; deeper orange than "Meteor." 1½ ft. . . . . 10
**Double Sulphur.** Light lemon-colored large flowering. . . 10
**Pongel fl. pl.** A white hybrld Marigold, with double flowers, 1 ft . . . . . 5

## CALLIOPSIS OR COREOPSIS.

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as soon as they appear, the plant will remain in bloom much longer. Sow where they are to remain and thin to 2 feet apart. Hardy annual, 2 feet.

**Coronata.** Showy large yellow flowers . . . . . Pkt. 5
**Golden Wave.** Bushy and compact, covered with hundreds of beautiful golden blossoms . . . . . 5
**Elliott's New Double.** Charming double variety . . . . 10
**Fine Mixed Varieties.** Per oz., 50 cts . . . . . 5

### Hardy Varieties.

**Lanceolata.** One of the finest hardy plants; flowers bright golden-yellow, large, showy and produced in profusion from June until frost. Excellent for cutting. Hardy perennial, 3 ft . . . . . 10
**Golden Glory.** The flowers of this sort are much larger than those of Calliopsis Lanceolata with deeper yellow, broad, overlapping petals. The gem of all Calliopsis . . . . . 15

## CAMPANULA.

(BELL FLOWER.)

Beautiful, well-known plants, characterized by the richness of their colors and profusion of their bloom. Ehey include the favorite Canterbury Bells, which are among the most attractive border plants. Light rich soil. Hardy biennial.

**Carpatica.** Blue and white mixed, 1 ft . . . . . 5

TYPES FROM ELLIOTT'S BLENDED MIXTURE
PACKET 25 CENTS.

# ELLIOTT'S LAWN GRASS MIXTURES . . . .

## SPECIAL MIXTURES TO MEET THE REQUIREMENTS OF ALL SITUATIONS

### CENTRAL PARK LAWN GRASS MIXTURE

In this mixture we use only the best recleaned seeds of the finest and best adapted grasses for lawns, and we can cheerfully recommend this mixture where a rich velvety lawn is required. We are the originators of this celebrated brand, and our mixture should not be confounded with cheap, light-weight mixtures sent out under this name.

**Price per bushel (20 lbs.), $4.50; quart, 20c.; peck, $1.25.**

### FRENCH OR EMERALD LAWN GRASS MIXTURE

We put up this mixture to supply the demand for a cheaper grade than our **Central Park** brand. Although this mixture is equal to any offered at the price, we do not recommend it where the best results are wanted.

**Price per peck, $1.00; bushel, $3.00.**

### ELLIOTT'S SHADY NOOK LAWN GRASS MIXTURE

Under the shade of trees there are always unsightly, bare spots which resist all attempts to get into grass, but may be easily attained with this mixture of grasses, which are naturally adapted to wooded and shaded spots.

**Price per quart, 30c.; peck, $1.75; bushel, $6 00.**

### ELLIOTT'S TERRACE MIXTURE

A combination of grasses, producing strong spreading roots suitable for terrace, embankments, etc.; withstanding drouth, thriving in shallow soils and preventing washing out by heavy rains, yet producing a rich velvety turf throughout the season.

**Price per quart, 30c.; peck, $1.75; bushel, $6.00.**

### ELLIOTT'S BOWLING GREEN MIXTURE

We have selected for this mixture grasses which will produce a hardy, close turf, permitting of close mowing and much hard wear, yet attaining a rich velvety appearance. Recommended for Putting Greens, Croquet Lawns, Bowling Greens and in fact all situations where a fine lawn is required to withstand very hard wear.

**Price per quart, 25c.; peck, $1.50; bushel, $5.00.**

CAMPANULA—*Continued.*

**Media Single Mixed.** (Canterbury Bells.) Beautiful large bell-shaped flowers, 2½ ft. . . . . Pkt. 5

CAMPANULA.

**Media Double Mixed.** (Canterbury Bells.) All the double media varieties, 2½ ft. . . . . Pkt. 5

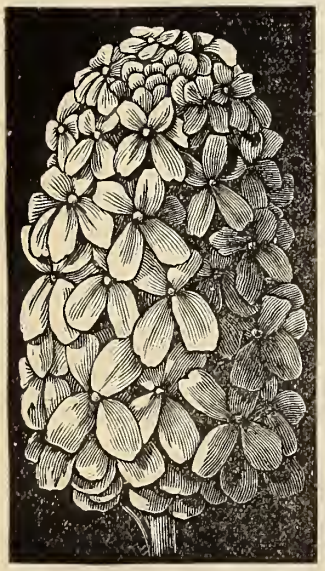
**Calycanthema.** (Cup and Saucer.) The finest variety of campanulas, producing plants with white and blue flowers resembling cup and saucer, mixed . . . . 10

## CALLIRHOE.

A very pretty genus of plants, growing from 2 to 3 feet high. They commence to flower when very small, and continue a mass of bloom all summer. Hardy annuals.

**Pedata.** Rich violet-purple, white eye . . . . . Pkt. 5

**Involucrata.** A trailing variety, with large rich crimson-purple flowers . . . . . 5



CANDYTUFT.

## CANARY BIRD FLOWER.

(TROPÆOLUM CANARIENSE.)

A beautiful climber, the charming little canary-clored blossoms bearing a fancied resemblance to a bird with its wings half expanded. The plant has a fine, luxuriant, rambling character, and if the seeds are planted by the side of an arbor or trellis, to run upon, it will run 20 feet high, and blossom from July till frost comes. The flowers will be more numerous and brilliant in light, moderately rich soil. Tender annual; 20 feet high . . . . . Pkt. 5

## CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April, flower from July to September, and some of the sorts till frost comes. All the varieties are hardy, and easy to cultivate. Single plants transplanted look well, and bloom profusely. Hardy annuals, 1 ft. high.

**Empress.** Distinct, candelabra shaped branches, bearing immense pyramids of pure white bloom . . . Pkt. 10

**New Carmine.** Distinct and beautiful . . . . . 5

**Improved White Rocket.** Fine for florists. Per oz., 30 cts. 5

**Crimson.** Very beautiful. Per oz., 30 cts . . . . . 5

**Purple.** Fine dark. Per oz., 30 cts . . . . . 5

**Fragrant.** White. Per oz., 30 cts . . . . . 5

**Fine Mixed.** Per oz., 25 cts . . . . . 5

**New Hybrid Dwarf.** Fine mixed . . . . . 10

**Tom Thumb.** White. Forms a dwarf compact cluster of clear whlte flowers . . . . . 10

**Hardy Perennial.** (Iberis sempervirens.) Pure white . . 10

## CANNA.

(INDIAN SHOT.)

Fine foliage plants of a highly decorative character; their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seeds sown under glass. The roots are better for being left in the ground, but they must be thoroughly protected during the winter. Half-hardy perennials. Previous to sowing, soak the seed in hot water for about twelve hours.

**Crozy's New Dwarf.** Flowers of unusual size and brilliancy. 3 to 4 ft. high. Very desirable for planting in centres of Coleus beds . . . . . Pkt. 5

**Fine Mixed.** 4 to 6 ft. Per oz., 40 cts . . . . . 5

**Dark-leaved Varieties, Mixed.** Per oz., 50 cts . . . . . 10

**Collection of Twelve Varieties** . . . . . 75

**Collection of Six Dark-leaved Varieties** . . . . . 50

## CASTILLEJA.

**Indivisa.** A very ornamental plant from Texas, with brilliant deep crimson scarlet bracts. It presents a magnificent appearance and is one of the most effective of recent introductions. Half-hardy annual, 1½ ft. . . . . Pkt. 25

## CARNATION.

A magnificent class of pepular favorites, most of which are deliciously fragrant, and with colors extremely rich and beautiful. The seed we offer is from the finest collection in Europe, and will produce many double flowers, and amongst them many choice novelties.

CARNATION—*Continued.*

**Choice Mixed.** Saved from choicest double flowers, very select, 1½ ft. . . . . Pkt. 50

**Fine Double German.** From named flowers . . . . . 25

**Good Mixed.** For border culture . . . . . 10

**Early Dwarf Vienna.** The best garden sort, produces a large per cent. of double, sweet-scented flowers, Great variety of colors. With light protection will stand out through our winters and bloom very early . . . . . 10

**Perpetual, or Tree.** Saved from choicest double flowers . 25

**Picotee.** Edges of petals bordered with various colors; mixed colors . . . . . 35

**Double Grenadin.** A splendid variety for florists; very early, charming, brilliant scarlet flowers. Exceedingly valuable for making bouquets . . . . . 15

**Collection of Twelve Beautiful Varieties** . . . . . 1.00

**Marguerite.** This new race of Carnations has become very popular on account of their rapid development, blooming in four months from sowing seed, continuing in profusion until checked by frost, or may be potted for winter blooming. Flowers very double and in great variety of colors. Finest mixed . . . . . 10

## CASTOR OIL BEAN. (See Ricinus.)

## CELOSIA.

Very singular, attractive and showy plants, producing magnificent spikes of beautiful feathery-looking flowers. They succeed well in the garden, if planted out in June. Graceful and beautiful half-hardy annuals.

**Argentea.** Long spikes of silvery-white, shaded with flesh color; splendid. . . . . Pkt. 10

**Aurea Pyramidalis** Bright golden spikes in pyramidal form; exceedingly beautiful . . . . . 10

**New Crimson Feathered.** Crimson spikes; beautiful . . 10

**Pyramidalis Plumosa.** Beautiful long plumes, pyramidal in form; of red, yellow, violet, etc.; very striking . . . 10

**Huttoni.** Bushy habit, pyramidal form, profusely branched, each leading branch being tipped with a small spike of bright crimson flowers . . . . . 10

**Cristata.** (See Cockscomb.)

## CENTAUREA.

An exceedingly interesting genus of plants, embracing annuals, biennials and perennial. Some of the varieties are magnificent foliage plants, while others are noted for their beautiful flowers. All the kinds named below are worthy of cultivation.

**Gymnocarpa.** Silvery-gray foliage; drooping habit, very graceful. . . . . Per oz., $1.00; Pkt. 10

**Candidissima.** Fine ornamental plant of great beauty. Silvery-white, deeply cut foliage . . . . . 10

**Clementei.** Foliage white, deeply cut and altogether very beautiful . . . . . 10

**Americana.** Hardy annual, 2 ft. in height, and of strong, robust growth; flowers deep red; very pretty . 5

**Cyanus.** A favorite, very free blooming hardy annual, suited to almost any situation; known as Bachelor's Button, Corn Flower, Ragged Sailor and Blue Bottle. Blue, 5 cts.; White, 5 cts.; Rose, 5 cts.; Mixed Colors . . . . . 5

**Cyanus fl. pl.** (Double flowered Cornflower.) Highly recommended for its exquisite shades of color, valuable as an ornamental plant . . . . . 10

**Marguerite.** Flowers pure white and exquisitely fragrant; valuable for cut flowers and decorative purposes . . . . . 10

**Moschatus.** (See Sweet Sultan) . . . . . 5

## CERASTIUM.

Dwarf-growing, white foliage plants, well adapted for edgings or for mixing with plants with dark foliage.

**Biebersteinii.** Silvery foliage, ½ ft. . . . . Pkt. 10

## CHRYSANTHEMUM.

The annual varieties are exceedingly pretty, but are not so well known or cultivated as they deserve. They are bright, cheerful and free bloomers, easy and rapid in growth, and merit a prominent place in every annual garden; they are also good for ordinary bouquet cutting. All the annual Chrysanthemums make beautiful pot plants if sown in cold frames, and pricked off singly into 6-inch pots. They are perfectly hardy.

**Segetum Grandiflorum.** The golden Marguerite, large bright yellow flowers . . . . . Pkt. 10

**Multicale.** New dwarf bedding variety, 3 to 4 inches high, golden yellow flowers . . . . . 15

**Lord Beaconsfield.** Crimson, maroon edged and striped gold, brown eye, ringed yellow. . . . . 10

**The Sultan.** Crimson, maroon centre, a wide gold ring . 10

**W. E. Gladstone.** A pure, brilliant, rich crimson . . . . 10

**Tricolor.** White, with yellow band, very pretty, 1 ft. . . 5

**Burridgeanum.** White centre, crimson band, beautiful, 1 ft. . . . . 5

**Carinatum Eclipse.** Pure golden with a bright purplish scarlet ring and dark brown disc, very striking . . . . 10

**Venustum.** Crimson centre, white band, handsome . . . 5

**Mixed Single Annual Varieties** . . . . . Per oz., 50 cts; 5

**Coronarium, Double Yellow.** Handsome border plant, 2 ft. . . . . 5

**Double White.** Very showy, 2 ft. . . . . 5

**Mixed Double Annual Varieties** . . . . . Per oz., 50 cts.; 5

THE FOLLOWING VARIETIES ARE FOR POT CULTURE IN THE HOUSE AND FOR FLORIST'S BOUQUETS:

**Indicum, fl. pl.** Half-hardy perennial; very double, mixed colors . . . . . Pkt. 25

**Japonicum, fl. pl.** (New Japanese variety.) Flowers of peculiar form and much beauty, combining numerous shades of color. Very interesting. Half hardy perennial 25

**Inodorum Plenissimum.** Dwarf growing, double white variety, very free flowering and beautiful for pot culture . . . . . 10

**Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its white star-like flowers under the most unfavorable conditions 10

**Choice Hybrids.** Raised from the finest Japanese and Chinese sorts, and produce a choice assortment of rich and varied hues. . . . . 50

## CHAMÆPEUCE.

Ornamental Thistle, with variegated downy leaves and curious spines.

**Casabonæ.** (Fish-bone Thistle.) Glossy dark green leaves and brown spines . . . . . Pkt. 10

## CLARKIA.

A very desirable hardy annual for bedding purposes; growing freely and blooming profusely in any common garden soil.

**Pulchella.** Fine mixed. Per oz., 40 cts. . . . . Pkt. 5

## CLEMATIS.

(VIRGIN'S BOWER.)

Hardy climbing plants of great merit, rivaling the Passion Flower in their gorgeous beauty. No class of climbing plants will better repay a little care—a slight covering of leaves or litter being necessary to withstand our severest winters. The seed is slow to germinate.

**Flammula.** A beautiful white fragrant French variety. Pkt. 10

**Jackmanii.** Choicest mixed . . . . . 10

CINERARIA.

## CINERARIA.

A favorite greenhouse plant, with great variety of beautiful colors, blooming through the winter and spring months. Seed should be sown in September or October; when large enough, potted in an equal mixture of loam, leaf-mold and sand, and in February repotted in a stronger soil.

**Hybrida Williams' Extra Choice Strain.** Imported in original packages; produces extremely fine flowers of diverse colors and magnificent form . . . . . Pkt. 75

**Grandiflora Kermesina.** New, intense, glowing, velvety dark crimson, double petals . . . . . 50

**Fine Mixed Varieties.** Striking colors, 1½ ft . . . . . 25

**Extra Mixed.** From magnificent large-flowered varieties, 1½ ft . . . . . 50

**Double Flowering.** A great acquisition. The flowers are perfectly double, comprising all shades of color peculiar to the Cineraria . . . . . 50

**Maritima Candidissima.** Extremely handsome, silvery-white foliage; very ornamental as a decorative pot plant, or for bedding purposes . . . . . 10

## CLIANTHUS.

(AUSTRALIAN GLORY PEA.)

One of the most beautiful plants in cultivation, about 3 feet in height, with neat compound leaves, and drooping clusters of large, rich scarlet, long-petaled, pea-shaped flowers, 3 inches in length, something similar to the splendid blossoms of the Coral Tree, each flower being picturesquely marked with a large black, cloud-like blotch in front. To grow this splendid plant successfully in the open air, it should have a dry, sunny exposure, and should never be watered. Magnificent flowering shrub,

**Damnierii.** Scarlet and black . . . . . Pkt. 25

## COCKSCOMB.

(CELOSIA CRISTATA.)

Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cockscomb. To produce fine combs, the soil cannot be too rich, and the plants should be forwarded in hot bed, though showy plants may be raised from seed planted in open ground in May. The oftener they are transplanted or shifted, the larger and more beautiful they grow.

**Dwarf Mixed** . . . . . Pkt. 5

**Glasgow Prize.** An improved variety, producing large blooms of dark crimson . . . . . 5

**Empress.** This new variety produces combs of colossal proportions; flowers have been grown, measuring 45 inches from tip to tip; rich velvety crimson. 10

**Japanese.** (Celosia Japonica.) A branching variety of great beauty . . . . . 5

**Colletion of Six Separate Sorts** . . . . . 25

## COBÆA.

A fine rapid-growing climber, producing large Showy bell-shaped flowers, and growing best in a warm, sunny situation. In sowing, the seed should always be placed edgewise.

**Scandens.** Purple, annual, 20 ft., per oz., 75 cts. . . . . Pkt. 10

**Alba.** Pure white . . 15

**Macrostemma.** (San Salvador Cobæa.) The foliage is a bright vivid green, the flowers strikingly effective with their very long stamens. Although a perennial when used as a greenhouse climber, it may be used as an annual for garden decoration. 15

COBÆA MACROSTEMMA.

## COSMOS.

Makes very large plants, growing 5 to 7 feet high, which are beautiful masses of the most elegant foliage, until they begin to bloom in September, when each plant will have hundreds of large, showy blossoms. Both foliage and flowers are excellent for cutting. Sow seed early in spring and transplant to the garden in June.

**Hybridus.**

Pure White . Pkt. 10
Light Pink . . . . 10
Crimson . . . . . 10
Mixed . . . . . 5

**Mammoth Perfection.** The flowers are double the size of C. Hybridus, the petals are broader, overlapping and deeply ribbed. For cutting, it is one of the finest flowers grown, lasting in water two weeks. The plants are 5 to 6 feet high, pyramidal form, and one mass of feathery emerald green foliage, studded with mammoth flowers of White, Pink or Crimson long after more tender flowers are destroyed by frost. Mixed colors. Pkt., 10 cts.

**Early Flowering.** Seed of this variety may be sown in the open ground in May, and will bloom in August and continue until late in fall; flowers large, well formed and its keeping qualities are excellent. Pkt., 10 cts.

## COLEUS.

One of the most popular foliage plants. It is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. Half-hardy perennial.

**Choicest Mixture.** Seed saved from new and beautiful hybrids. . . . . Pkt. 25

## COLLINSIA.

An exceedingly pretty, free flowering hardy annual, remarkably attractive in beds, mixed border, or ribbons.

**Finest Mixed Varieties,** 1 ft . . . . . Pkt. 5

## COWSLIP.

(PRIMULA VERIS.)

A well-known, free-flowering, hardy perennial, flowering profusely during early spring.

**Fine English Mixed,** 9 inches . . . . . Pkt. 5

## CUCUMIS.

An ornamental Cucumber, remarkable for the luxuriance and rapidity of its growth. Treat the same as the ordinary Cucumber, and train against a wall or trellis.

**Flexuosus.** Snake Cucumber, 3 ft. long . . . . . Pkt. 10

## CYCLAMEN.

These are among the most beautiful winter and spring blooming plants. The flowers are rich colored and fragrant, bourne well above the highly ornamental foliage. Seed may be sown during autumn or spring, and when two leaves are developed transplant into 2 inch pots, placing near the light, but shaded from the direct rays of the sun. When pots become filled with roots shift to larger sizes as required. Succeed best in temperature of 50 to 60 degrees.

CYCLAMEN.

**Persicum, Fine Mixed Colors** . . . . . Pkt. 10
**Giganteum Album.** Pure White . . . . . 35
**Rubrum.** Dark red . . . . . 35
**Roseum.** Bright rose . . . . . 35
**Duke of Connaught.** Crimson . . . . . 35
**Picturatum.** White, claret base . . . . . 35
**Finest Mixed,** all colors . . . . . 25
**Williams' Superb Strain.** In original packages . . 75

## CUPHEA.

(CIGAR PLANT.)

A free-flowering, neat, half-hardy perennial, well adapted for either the conservatory or flower border.

**Platycentra.** Scarlet, black and white, 1 ft. . . . . Pkt. 10
**Roezlii.** Pyramidal formed; flowers yellow and red . . . 10

## CONVOLVULUS.

A beautiful class of training annuals, some of which produce flowers of wondrous beauty. Useful for verandas, lattice, etc., growing freely in any good garden soil.

**Minor Tricolor.** Rich, violet-purple with white center; trailer. Hardy annual, 1 ft . . . . . Pkt. 5
**Mauritanicus.** Hardy trailing plant, about 1 ft. high, produces an abundance of rich, satiny, lavender blossoms, fine for baskets, etc. . . . . 10
**Major.** (See Morning Glory.)

## CYPERUS.

(UMBRELLA PLANT.)

A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. Succeeds best in a moist situation. Half-hardy perennial, 1 to 2 ft.

**Alternifoliu** . . . . . Pkt. 15

## CYPRESS VINE.

(IMPOMŒA QUAMOCLIT.)

Among the most beautiful climbing plants which adorn the flower garden. The dark green, very graceful, fern-like foliage, thickly studded with brilliant starry flowers, is very effective. Half-hardy annuals.

**Crimson.** Very brilliant, 15 to 20 ft. . . . . Pkt. 5
**White.** Beautiful and graceful, 15 ft . . . . . 5
**Ivy-Leaved.** Ivy shaped leaves and scarlet flowers . . . 10
**Mixed.** Per oz., 50 cts . . . . . 5

## DATURA.

(TRUMPET FLOWER.)

Very ornamental plants, with trumpet-shaped, double white, yellow and purple flowers, which produce a fine effect in large clumps or borders of shrubbery. Annuals.

**Mixed Varieties,** 2 ft. . . . . Pkt. 5
**Cornucopia.** The flowers average 8 inches long by 5 inches across the mouth, the interior is a French white with purple exteriors. Delightfully fragrant. Seeds sown early in the house will produce plants that will bloom from early summer until frost . . . 10

## DELPHINIUM.

A class of hardy perennials, remarkable for their great beauty and highly decorative qualities. The principal color is light blue, and the various shades to the darkest purple, also scarlet and white.

**Brunonianum.** (Musk-scented Larkspur.) New species of a peculiar shade of a light blue, emitting a powerful oder of musk . . . . . Pkt. 25
**Cashmerianum.** Very fine, dark blue, Monk's Hood-like flowers, 1½ ft. . . . . 10
**Nudicaule.** Scarlet, 1½ ft . . . . . 10
**Formosum.** Rich blue and white, a favorite variety, 3 ft . . . . . 5
**Chinensis.** Double mixed, 2 ft. . . . . 5

## DICTAMNUS.

(BURNING BUSH OR GAS PLANT.)

Dense bushes with lemon-scented foliage. The flowers are borne in long spikes during June and July, and are also fragrant. Excellent for mixed borders. Mixed colors. Pkt. 5

## DRACÆNA.

(CORDYLINE.)

Well-known ornamental greenhouse plants, with elegant foliage, invaluable for decorative purposes.

**Indivisa.** Green and bronze, narrow leaves . . . . Pkt. 25
**Australis.** Wide green foliage . . . . . 25

## DAHLIA.

One of our best autumn flowering plants; blooms until killed by frost; half-hardy perennial, blooming the first year from seed if sown early.

**Double.** Saved from the choicest varieties . . . . . Pkt. 10
**Liliput.** Dwarf, choicest mixed . . . . . 10
**Cactus.** Distinct and remarkable appearance, petals quilled and curved, loosely and gracefully arranged in large oval heads of bloom. Finest mixed . . . . . 10
**Collection of 6 Varieties** . . . . . 50
**Single.** The new varieties are exceedingly beautiful and are highly prized for cut flowers. The seed we offer was saved from splendid new varieties, which for brilliancy of color cannot be surpassed; if sown early in spring they will flower in August. Finest mixed . . . . . 10
**Gracilis** (new). Striped and spotted flowers, extra large, flaked and mottled in various brilliant colors . . 10
**Tom Thumb.** Plants compact and bushy, about 12 inches high by 24 inches across. Flowers produced in abundance and of the most exquisite colors . . . . 10

DAHLIA.

**Comet.** Dark scarlet . . . . . 15
**White Queen.** Pure white . . . . . 15
**Yellow Gem.** Pure yellow . . . . . 15
**Collection of 6 Varieties** . . . . . 50

## DIANTHUS.

A magnificent genus, embracing the well-known Carnation, China Pink and Sweet William. They produce rich and varied colored flowers, and are remarkably attractive in beds or masses. Height about 1 foot.

### Double Annual Varieties.

**Chinensis.** (China or Indian Pink.) Finest double mixed. Per oz., 40 cts. (**Fig. 2.**) . . . . . Pkt. 5

**Heddewigii fl. pl.** (Double Japan Pink.) Very beautiful mixed colors . . . . . 10

**Imperialis fl. pl.** (Double Imperial Pink.) Fine mixed . . 5

**Laciniatus fl. pl.** (Double fringed flowers.) Mixed colors. (**Fig. 1.**) . . . . . 5

**Heddewigii Diadematus.** (Double Diadem Pink.) Large double flowers in various tints of lilac, crimson and purple, with outer edges fringed and nearly white. 5

**Mourning Cloak.** Rich blackish crimson, sharply edged with clear white, double and large size. (**Fig. 3.**) . . 5

**Fine Garden or Clove-Scented Pinks.** (Hortensis Varieties.) Double mixed colors . . . . . 10

### Single Annual Varieties.

**Heddewigii.** (Single Japan Pink.) A magnificent strain with flowers 2 to 3 inches across; many exquisite colors, blotched and spotted in profusion. Mixed colors. (**Fig. 4.**) . . . . . 5

**Laciniatus.** A beautiful fringed variety; various colors. 5

**The Bride or Little Gem.** Forms a compact plant six inches high. Flowers wine red veined with rosy carmine and broadly margined with white . . . . . 10

**Snowflake.** Pure snow-white flowers of large size; fringed . . . . . 5

**"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty . . . . . 5

**"Crimson Belle."** As its name implies, is of a rich crimson color; flowers of a very large size and substance, evenly and finely laciniated. (**Fig. 5.**) . . . . 5

### Hardy Varieties.

**Gardnerianus fl. pl.** (Double Hardy Garden Pink.) Large fringed flowers. Mixed colors . . . . . 5

**Plumarius.** (Pheasant-eye Pink.) Very fragrant large flowers; beautiful colors and finely fringed . . . . . 5

**Cyclops.** Entirely distinct, the predominating colors being delicate rose, flesh pink copper color, salmon, wine red, white, crimson, etc., with large eye-like zone of velvety blood red; clove-like perfume. The flowers are large and borne in profusion from May until frost. Will bloom first season from seed sown reasonably early. Single varieties mixed . . . . . 10

**Barbatus.** (See Sweet William.) Fine mixed, 1 ft. . . . 10

## DODECATHEON CLEVELANDI.

(NEW GIANT AMERICAN COWSLIP.)

A beautiful perennial from California, producing flower stems 1 foot high, surmounted with 6 to 10 large Cyclamen-like flowers of violet blue, with yellow and black center. It is quite hardy, and luxuriates in partially shaded situations.

**Clevelandi** . . . . . Pkt. 2(

## DOLICHOS.

(HYACINTH BEAN.)

A very ornamental and rapid-growing climber, with dense foliage and handsome purple and white flowers. Tender annual.

**Lablab, Purple** . . . . . Per oz., 40 cts.; pkt. 5

**White** . . . . . " 40 cts.; . . 5

**Mixed** . . . . . " 35 cts.; . . 5

## DIGITALIS.

(FOXGLOVE.)

Ornamental plants of much beauty, producing dense spikes of flowers on stems 3 to 5 feet high. The blossoms are thimble-shaped, purple, white and spotted, and very striking. Seed can be sown in spring or autumn, and large roots can be divided. Blossom the second season. Hardy biennial.

**Ivery's New Spotted.** Great improvement on the old sort; an endless variety of colors; robust, strong and hardy . . . . . Pkt. 10

**Splendid Mixed.** 3 ft. . . . . 5

## ECHEVERIA.

Interesting greenhouse succulents, with racemes of scarlet and yellow flowers. They are also largely used for carpet bedding.

**Metallica.** Large, orange-colored blossoms on spikes 12 to 15 inches high . . . . . Pkt. 25

**Secunda Glauca.** Small compact-growing, glaucous variety, with free-flowering, scarlet and yellow racemes of bloom; very fine . . . . . 25

## ERYTHRINA.

(CORAL PLANT.)

A splendid half-hardy shrub, with beautiful brilliant scarle pea-shaped flowers. Cut down close to the ground before frost, and protect in a dry cellar during winter.

**Crista Galli.** Scarlet . . . . . Pkt. 25

## ERICA.

(CAPE HEATH.)

Charming evergreen greenhouse shrubs, flowering most profusely. Sow in peat, in frame, pit or cool greenhouse.

**Capensis.** Finest mixed . . . . . Pkt. 15

## ESCHSCHOLTZIA.

(CALIFORNIA POPPY.)

Hardy annuals, remarkable alike for their profusion of bloom and beautiful bright colors.

**Californica.** Bright yellow, rich orange center, 1 ft. (See cut.) . . . . . Pkt. 5

**Mandarin.** A new and very beautiful variety. The outer side of the petals are brilliant scarlet, in inner side rich orange . . . . . 5

**Crocea fl. pl.** A double flowering variety, flowers bright orange scarlet, shading off to salmon red. An abundant bloomer . . . . . 5

**Rose Cardinal.** The flowers are of a rich rose-colored hue, most effective and beautiful . . . . . 10

## EUPATORIUM.

A very pretty herbaceous plant, with bunches of showy white flowers, fine for bouquets. Hardy perennials.

**Fraserii.** White, 2 ft . . . . . Pkt. 10

## EUPHORBIA.

**Variegata.** A very showy plant for border or pot culture, foliage beautifully veined and margined with white. Sometimes called "Mountain of Snow." Hardy annual, 1½ ft. Pkt. 5

**Heterophylla.** (Annual Poinsettia. Mexican Fire Plant or Fire on the Mountain.) An annual bushy plant, with highly ornamental leaves, which in summer become ablaze with a darker fiery scarlet, so that only a tip of green is left, 3 to 4 ft . . . . . 10

## EUCALYPTUS.

Blue Gum Tree of Australia, besides being ornamental for sub-tropical gardening while young, it has a powerful influence in destroying the malarious agency which is supposed to cause fever in marshy districts.

**Globulus.** (Blue Gum or Fever-destroying Tree.) Per oz., 50 cts. . . . . Pkt. 10

**Collection of 6 varieties** . . . . . 60

## EXACUM.

**Affine.** A new dwarf biennial, forming dense bushes about 6 inches high, with numerous clusters of beautifully fragrant lilac flowers. Half-hardy annual . . . . . Pkt. 10

## FENZLIA.

Charming dwarf half-hardy annual, suitable for pots, vases, edgings, etc.; the plant is covered with brilliant rose-pink flowers.

**Dianthiflora.** Pink, 6 inches . . . . . Pkt. 10

## FERNS.

The seed offered is saved from a large collection of very elegant aud interesting greenhouse varieties. Graceful foliage plants.

**Finest Mixed Varieties** . . . . . Pkt. 25

**FEVERFEW.** (See Matricaria.)

**FORGET-ME-NOT.** (See Myosotis.)

**FOUR O'CLOCKS.** (See Marvel of Peru.)

## FUCHSIA.

Fuchsias are easily grown from seed, and many improved varieties are obtained in this way; our seed has been saved from a choice collection.

**Single Mixed** . . . . . Pkt. 25

**Double Mixed** . . . . . 25

## FRAGARIA.

(CHINESE STRAWBERRY.)

**Indica.** Pretty, hardy herbaceous creeper, with beautiful yellow blossoms and bright red fruit, like small strawberries. Elegant for rock-work or hanging baskets. Seed should be sown very early in the house, and plants transplanted . . . . . Pkt. 10

## GENTIANA.

Dwarf-growing perennial, with beautiful blue flowers, excellent for edging or rockeries.

**Acaulis.** Dark blue, 3 in . . . . . Pkt. 10

## GAILLARDIA.

Showy and universally admired perennials, flowering the first year, and among the gayest ornaments of summer flower beds. The Gaillardias make charming plants grown in pots.

**Grandiflora Superba.** Splendid new variety, dark red, with bright yellow border . . . . . Pkt. 10

**New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied . . . . 10

**Grandifloria Hybrida.** Rich crimson and yellow . . . . 5

**Picta Lorenziana.** One of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades varying from sulphur-yellow to purple . . . . . 10

## GERANIUM.

(PELARGONIUM.)

Well-known favorites; indispensable for in-door and out-door decoration. The seed we offer having been saved from first-class varieties, the amateur has a fair chance of raising many charming novelties.

**Large-flowered Pelargonium.** Show varieties. Extra mixed . . . . . Pkt. 25

**Apple-Scented.** A favorite variety . . . . . 25

**Double.** Finest mixed . . . . . 25

**Zonale.** Finest mixed . . . . . 10

**New Golden and Bronze.** A prize strain . . . . . 25

## GESNERIA.

Beautiful greenhouse plants; remarkable for the beauty of their foliage, which is singularly marked, and their long spikes of brilliant colored flowers. Sow in a light compost, and keep in a warm, moist atmosphere.

**Robusta Perfecta.** An improved strain of Gesneria with handsome foliage, remarkable for its free flowering habit and great diversity of colors . . . . . Pkt. 50

**Choicest Varieties Mixed.** Tender perennial. 1 ft . . 25

## GLAUCIUM.

(HORNED POPPY.)

**Luteum.** Silver leaved hardy perennial plant with remarkably bright yellow flowers produced in great abundance all summer; an excellent border plant 1 to 2 feet . . Pkt. 5

## GEUM.

Free-blooming, handsome and showy plant for shrubbery borders. The double rich scarlet flowers are splendid for bouquets.

**Atrosanguineum fl. pl.** Hardy perennial . . . . . Pkt. 10

## GILIA.

Pretty dwarf annuals; may be sown at any time, and bloom in any situation; grow well in pots, and may be placed in a rockery.

**Tricolor.** Choice mixed . . . . . Pkt. 5

## GLOBE AMARANTH.

(GOMPHRENA GLOBOSA.)

Very handsome, and showy everlastings, commonly known as Bachelors' Buttons. The seed of Gomphrena does not germinate very well in the open ground, and it is best therefore to sow it in a hot-bed, if possible. If the cottony coating which surrounds it is removed, the seeds will be more certain to grow. Annuals, 2 ft.

**White** . . . . . Pkt. 5

**Purple** . . . . . 5

**Variegated** . . . . . 5

**Nana Compacta.** A dwarf variety of very compact habit; flowers deep violet red . . . . . 10

**Mixed.** All colors. Per oz., 40 cts. . . . . 5

## GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season. Stove perennial bulbs.

**Hybrida Erecta.** Erect large flowering varieties in splendid mixture . . . . . Pkt. 25

**Punctata.** Tigered and spotted hybrids from a superb collection . . . . . 25

**Gouville's Strain.** Flowers of immense size and beautifully tigered and spotted, fine mixture . . . . . 75

## GNAPHALIUM LEONTOPODIUM.

(EDELWEISS.)

The flowers are pure white, star-shaped and of a downy texture. This is the true Edelweiss of the Alps, well-known and so much prized by tourists in Switzerland . . . Pkt. 10

## GODETIA.

Very attractive and exceedingly beautiful plants, embracing a great variety of rich colors; effective in beds, masses and mixed borders. Hardy annuals.

**White Pearl.** Dwarf, pure white . . . . . Pkt. 5
**Fairy Queen.** Blush, with carmine spots . . . . . 5
**Bijou.** Dwarf, pure white flowers marked with a dark rose spot . . . . . 5
**Duchess of Albany.** Pure white, large size . . . . . 5
**Lady Albemarle.** Brilliant dark crimson . . . . . 5
**The Bride.** Crimson and white, fine . . . . . 5
**Fine Mixed.** Per oz., 50 cts . . . . . 5

## GOLDEN FEATHER. (See Pyrethrum.)

## GOURDS.

Ornamental gourds of extremely rapid growth. Very desirable for covering walls or trellises, and producing remarkable and curious fruit. Tender annual climbers, 10 to 20 ft.

**Orange.** The well-known Mock Orange . . . . . Pkt. 5
**Egg Shaped.** White; fac-simile of an egg . . . . . 5
**Pear Shaped.** Exceedingly beautiful fruit, with rings running round it; green ends . . . . . 5
**Bottle.** Handsome and useful . . . . . 5
**Corsican.** Elegant fruit and rapid climber . . . . . 5
**Chinese Loofa.** Sponge or dish rag . . . . . 5
**Siphon, or Dipper.** Long, slim handles, useful for dippers . . . . . 5
**Powder Horn.** In the form of a powder horn . . . . . 5
**Hercules' Club.** The longest of all the varieties . . . . 5
**Sugar Trough.** Large, round. The shells when dried and excavated are used as water holders . . . . . 5
**Mixed Ornamental Varieties.** Per oz., 40 cts . . . . . 5

## GREVILLEA.

**Robusta.** A very beautiful and graceful decorative plant, with fern-like foliage; excellent for table decoration, 3 to 5 ft . . . . . Pkt. 10

## GYPSOPHILA.

Pretty hardy plants; will grow in any garden soil. G. Muralis is well suited for rockwork. G. Paniculata is an effective plant in shrubberies.

**Muralis.** A charming little plant, covered with beautiful pink blossoms. Hardy annual, ¼ ft . . . . . Pkt. 5
**Paniculata.** White, fine for bouquets. Hardy perennial . . . . . 5

## GRASSES.

(ORNAMENTAL.)

The Ornamental Grasses are valuable for decorative purposes when dried and arranged in connection with the Everlasting Flowers for winter bouquets, etc. Some are curious-looking plants, others exceedingly graceful; some neat and compact, others stately and majestic. The more slender and graceful varieties are very decorative.

**Agrostis Nebulosa.** A very graceful and pretty grass, charming for borders; annual, 1½ ft . . . . . Pkt. 5
**Avena Sterilis.** (Animated Oats.) Drooping, very graceful; annual, 2 ft . . . . . 5
**Briza Maxima.** (Quaking Grass.) Very pretty; annual, 1½ ft. . . . . 5
**Gracilis.** (Small Quaking Grass.) Very delicate and graceful; annual, 1 ft. . . . . 5
**Bromus Brizæformis.** An elegant Briza-like grass . . . . 5
**Coix Lachrymæ** (Job's Tears.) 2 ft. Per oz., 25 cts. . . 5
**Erianthus Ravennæ.** A stately and picturesque grass, resembling the Pampas with its silvery-white plumes; half-hardy perennial, 7 ft. . . . . 10
**Eragrostis Elegans.** (Love Grass.) Very graceful and beautiful; annual, 1 ft. . . . . 5
**Eulalia Japonica.** One of the most beautiful of the tall growing grasses, 5 ft. . . . . 10
**Gymnothrix Latifolia.** Splendid ornamental grass; half-hardy perennial, 10 ft. . . . . 10
**Gynerium Argenteum.** (Pampas Grass.) The finest ornamental grass in cultivation, 10 ft. Half-hardy perennial . . . . . 10
**Lagurus Ovatus.** (Hare's Tail.) Small white plumes; annual, 1 ft. . . . . 5
**Stipa Pennata.** (Feather Grass.) One of the prettiest and most interesting; perennial, 2 ft. . . . . 10
**Collection of 12 Varieties;** Ornamental Grasses . . . . . 50

## HELIOTROPE.

The Heliotrope, from its fragrance and neat appearance, is a general favorite; and is equally desirable as a pot or a bedding plant. In favorable situations, it will attain to great size, and bloom almost throughout the year. Sow on heat and transplant.

**King of Blacks.** Splendid . . . . . Pkt. 10
**Finest varieties mixed** . . . . . 10

## HIBISCUS.

Strong growing, showy, ornamental plant of easy cultivation. Excellent for mixed beds or shrubbery borders.

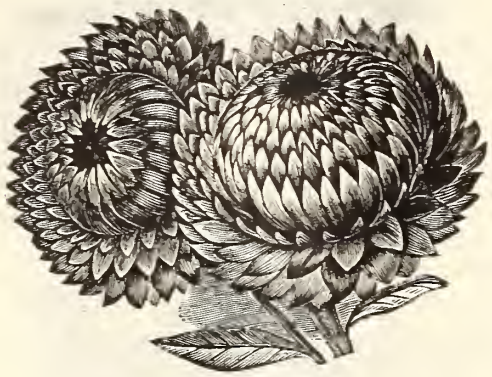
**Africanus.** Large cream colored flower with brown center. Hardy annual. 1½ ft. . . . . Pkt. 5

**Coccineus.** Bright scarlet . . . . . 10

**Californicus.** White with deep carmine center . . . . . 10

**Crimson Eye.** Robust growth, with dark red stems and foliage. Flowers large size, pure white with large velvety crimson spot in the center. Perfectly hardy and will bloom the first year from seed sown in the open ground. (See cut.) . . . . . 10

## HELIANTHUS. (See Sunflower.)



## HELICHRYSUM.

(EVERLASTINGS.)

Known as Everlasting Flowers or Immortelles, and as cut dried blooms are almost universally used for church or house decoration at Christmas and other festivals and important occasions, also for winter bouquets. It is necessary, when cutting the flowers for drying for winter use, to pluck them before the flower bud is expanded, otherwise they may have a tendency to seed, and present a somewhat ragged appearance. The Helichrysums will stand drought well, but if bushy plants are required, it is desirable to give them a generous soil and abundance of air. They may also be successfully and easily cultivated as pot plants.

**Double White** . . . . . Pkt. 5
**Red** . . . . . 5
**Yellow** . . . . . 5
**Mixed.** 1½ ft. . . . . 5
**Collection of 12 Varieties** . . . . . 50

## HELIPTERUM. (Everlasting.)

**Sandfordi.** A very desirable and distinct dwarf everlasting, with small foliage, and large, globular clusters, bright golden, and pure white, star-like flowers, and will retain their brilliancy for years. Hardy annual, 1 ft. high . . . . . Pkt. 10

## HOLLYHOCK.

The Hollyhock in its present state of perfection is very unlike its parent of olden time; it now ranks with the Dahlia, Aster, Camelia, etc. For background to a flower garden, perhaps no plant is so useful. The flowers are as double as a rose, of many shades of color, from deep yellow, red, purple, to pure white. Plant the seed in June or July, in open ground, and in the autumn, when the plants have made five leaves, transplant to permanent position, three feet apart. The following summer they will bloom. Each plant should be supported by a stake. Hardy perennial, 5 to 8 ft. high.

**Double White** . . . . Pkt. 10
**Canary Yellow** . . . . 10
**Lilac Rose** . . . . . 10
**Salmon** . . . . . 10
**Double Crimson** . . . Pkt. 10
**Lavender** . . . . . 10
**Pink** . . . . . 10
**Fine Mixed** . . . . . 10
**Chater's Mixed.** Splendid varieties . . . . . 15
**Dwarf White.** An excellent variety, growing 3 to 4 feet high . . . . . 15
**Collection of 8 Varieties.** Superb double . . . . . 75

## HONESTY, or SATIN FLOWER.

(LUNARIA.)

**Lunaria biennis.** Early, free flowering plants, interesting for the silver-like tissue of the seed pods in their matured state. The flower is purple, not very conspicuous. The seed pods are fine for skeletonising and working in with other everlasting flowers for winter bouquets. Blossoms the second year from seed, and then dies. Hardy biennial, 2 feet high . . . . . 5

Humulus Japonicus.

## HUMULUS JAPONICUS.

(JAPANESE HOP.)

**Japonicus.** A very ornamental and fast-growing climbing plant. The foliage resembles the common Hop, dense, lively green color, and not affected by heat, drought or insects . . . . . Pkt. 5

**Variegatus.** The foliage of this variety is distinctly marked with silvery-white, yellowish white, light and dark green, and retains its bright variegated foliage until late in the autumn . . . . . 10

## HUMEA.

A remarkably handsome decorative plant, flowering in drooping pyramids of ruby grass-like florets, which are quite fragrant when slightly rubbed. It often attains a height of 8 feet by 4 in diameter, and forms a handsome specimen plant for the conservatory or for outdoor decoration in pots during the summer.

**Elegans.** Red, half-hardy biennial . . . . . Pkt. 10

## IBERIS. (See Candytuft.)

## ICE PLANT.

(MESEMBRYANTHEMUM CRYSTALLINUM.)

Handsome and curious plant for hanging baskets, rockwork, vases and edgings. The leaves and stems are succulent and fleshy, and appear as though covered with ice crystals. The whole plant is peculiarly brilliant in the sunshine The flower is white and not conspicuous. Succeeds best in dry sandy loam, and in a warm situation. Can be grown in pots or open border. Tender annual trailer, 6 inches high . . . . . 5

## IPOMŒA.

Of all the flowers in general cultivation, the Ipomœa ranks pre-eminent for delicate and intrinsic beauty; the brilliant and varied hues of its many species and varieties are marvellously beautiful, and their fine foliage and graceful forms render them indispensable adornments for the greenhouse, conservatory and flower garden. For covering arbors, walls, trellises, etc., they are unsurpassed. Annuals.

**Coccinea** (Star Ipomœa). Fine scarlet . . . . . 5

**Bona Nox** (Good Night). Pure white . . . . . 10

**Grandiflora Alba** (Moonflower). White seeded. Enormously large flowers, white . . . . . 10

**Setosa** (New Brazilian Morning Glory). Magnificent climbing annual, foliage of great size and overlapping, forming a dense shade. Flowers rose color, borne in clusters very freely from July until frost . . . . . 10

**Learii.** Large dark blue flowers; splendid . . . . . Pkt. 25

**Quamoclit.** (See Cypress Vine.) . . . . . 5

**Limbata Elegantissima.** Intense Violet blue, with a broad margin of pure white; beautiful . . . . . 10

**Rubro-cœrulea.** Sky-blue, large and handsome . . . . . 10

## IMPATIENS.

One of the most distinct and beautiful of decorative plants. It thrives in stove, greenhouse, and open border during summer. The flowers are of a brilliant rosy scarlet, 1 to 1½ inches in diameter, and produced so freely that the plant appears to be quite a ball of flowers, continuing in full beauty during several months.

**Sultani.** Tender annual . . . . . 15

IMPATIENS.

## JACOBÆA.

(SENECIO.)

**Fine double mixed.** Remarkably pretty, free growing, profuse flowering plants. Grow freely from seed and are easily propagated from cuttings. Hardy annuals . . . . 5

## KALANCHOE.

**Carnea.** Very fine new winter-blooming plant; of easy culture, very floriferous, and attains a height of about 18 inches. The beautiful pink flowers are borne in great clusters, wax-like and very fragrant . . . . . Pkt. 25

## KAULFUSSIA.

One of the useful tribes of hardy annuals of good habit.

**Finest mixed** . . . . . Pkt. 5

## LANTANA.

Splendid bedding plant, also beautiful in pots. No plant presents a greater variety of colors and changing hues. Half-hardy perennial.

**Finest mixed** . . . . . Pkt. 10

## LAPAGERIA.

**Rosea.** One of the most beautiful greenhouse and conservatory climbers yet known, with numerous brilliant carmine-colored bell-shaped flowers . . . . . Pkt. 25

## LARKSPUR.

(ANNUAL DELPHINIUM.)

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annual.

**Double Dwarf Rocket.** Finest mixed colors, 1 ft. Per oz., 30 cts . . . . . Pkt. 5

LARKSPUR—*Continued.*

**Double Tall Rocket.** Finest mixed colors, 2 ft. oz., 30c . . . . . 5

**Double Stock Flowered.** Long spikes of bloom, finest mixed colors, 1 ft. Per oz., 40 cts . . . . . 5

**Emperor.** Mixed. A magnificent variety, remarkably floriferous; rich colors, 1½ ft . . . . . 5

**Candelabra-Flowered.** A fine dwarf branching variety, of great many colors, mixed, 1 ft . . . . . 10

**Collection of Dwarf Rockets,** 6 separate sorts . . . . . 30

## LATHYRUS.

(EVERLASTING PEA.)

Very ornamental, free flowering, hardy perennial climbers; useful for covering trellises, old stumps, fences or walls; growing in any soil.

**Crimson.** 5 ft . . . . . Pkt. 5

**Albus.** White, 5 ft . . . . . 10

**Mixed.** Crimson and white . . . . . 5

## LAYIA.

**Elegans.** A native of California, forming tufts 1 foot high. The flowers are golden yellow. bordered white, with orange center, and measure nearly 2 inches In diameter. Annual . . . . . Pkt. 5

**Glandulosa.** Pure white, fine . . . . . 25

## LINARIA.

**Cymbalaria.** (Kenllworth Ivy.) A pretty drooping plant, with small lilac flowers; fine for the house, or for baskets or vases . . . . . Pkt. 10

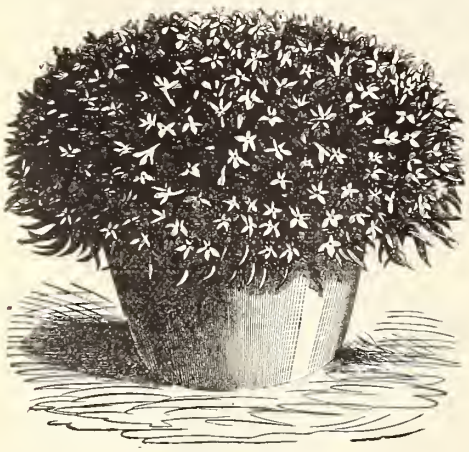
**Fl. Alba.** Differs from the above in the color of flowers which are white . . . . . 10

## LINUM.

Pretty annuals of graceful habit. L. Grandiflorum is one of the handsomest annuals ever introduced, equally recommended for its brllliant color and long duration in bloom. L. Flavum is a fine gold colored variety, which may also be grown in pots.

**Grandiflorum.** Scarlet, 1 ft . . . . . Pkt. 5

**Flavum.** Yellow . . . . . 10



## LOBELIA.

### Erinus Varieties.

These are indispensable plants for hanging over vases and baskets; branches 6 to 9 inches long and profuse bloomers. Although perennials they are usually treated as annnals.

**Speciosa.** Bright blue . . . . . Pkt. 5

**Alba.** Pure white . . . . . 5

**Gracilis.** Light blue; slender trailing stems . . . . . 5

**Duplex.** Double blue . . . . . 10

### Compact Varieties.

Dwarf plants 4 to 6 inches high, splendid for edging.

**Crystal Palace Compacta.** Dark blue; the best variety for bedding . . . . . Pkt. 10

**White Gem.** Pure white, a charming variety . . . . . 10

**Emperor William.** Very compact; flowers sky blue . . . 10

**Prima Donna.** Dark wine color . . . . . 10

**Golden Queen.** Golden yellow foliage and brilliant blue flowers . . . . . 10

**Mixed Compact Varieties** . . . . . 10

### Hardy Varieties.

Tall growing hardy perennials 2 to 4 feet high, excellent for permanent borders.

**Cardinalis.** Long spikes, bright scarlet flowers; succeeds well in any situation . . . . . Pkt. 10

**Mixed Hardy Hybrids.** Many beautiful varieties . . . . 10

## LISIANTHUS.

A magnificent greenhouse plant, with large handsome Tulip-shaped flowers a fine rich purple with a very deep eye in the center. The flower continues perfect for two or three weeks. By forcing it early in the spring and planting out in the open border, it will probably be found to flower as freely as Phlox Drummondii.

**Russellianus.** Rich deep purple . . . . . Pkt. 25

## LOPHOSPERMUM.

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. Half-hardy annual.

**Coccineum.** Scarlet . . . . . Pkt. 10

**Scandens.** Rosy purple . . . . . 10

## LOVE-IN-A-MIST. (See Nigella.)

## LUPINUS.

Showy, free flowering plants with long spikes of flowers, rich and varied in color. Hardy annuals.

**Mixed annual varieties** . . . . . Pkt. 5

## LYCHNIS.

Handsome and highly ornamental plants, of easy culture; strikingly effective In mixed flower and shrubbery borders. Hardy perennials.

**Chalcedonica.** Large heads of brilliant scarlet, fine for distant effect, 2 ft . . . . . 5

**Alba.** Pure white, very ornamental, 2 ft. . . . . 5

**Finest mixed varieties** . . . . . 5

## MALOPE.

Handsome free-blooming hardy annuals with large showy flowers. The white variety is very fine.

**Grandiflora.** Crimson, 2 ft. . . . . Pkt. 5

**Alba.** White, 2 ft. . . . . 5

## MARIGOLD. (See also Calendula.)

These flowers have now, by careful and continuous selection, been raised to such a pitch of excellence as to demand attention from all desirous of having a fine show of bloom in the garden during autumn. For large gardens, mixed borders, and general effect, they may be used with the greatest freedom. The African varieties are tall, growing usually 2 feet or more, while the French are more dwarf. of perfect form and gorgeous beauty; all are desirable. Half-hardy annuals, in bloom till frost comes.

MARIGOLD—*Continued.*

**African Quilled.** Orange, brown and yellow; mixed, 2 ft. . . . . Pkt. 5

**New African "El Dorado."** The finest type of this variety; flowers very large and double, many beautiful shades of yellow mixed . . . . . 10

MARIGOLD.

**French Dwarf.** Orange, brown and yellow, mixed, 1 ft. (See Cut.) . . . . . 5

**New French "Gold Striped."** Flowers rich maroon, regularly striped with golden yellow; habit of plant dwarf and compact . . . . . 10

**Golden Nugget.** Dwarf dense growth and immense double flowers, which are a peculiar shade of golden yellow . . . . . 10

## MORNING GLORY.

(CONVOLVULUS MAJOR.)

**Finest mixed colors.** Hardy annual. 20 ft. Per oz., 15 cts . . . . . 5

**Double Flowering.** Like the single flowering, this variety makes a strong, robust growth and dense foliage; the flowers are double white with spots of red or blue at the base of the larger petals . . . . . Pkt. 10

**Imperial Japanese Mixed Colors.** One of our most beautiful climbers; the flowers are of gigantic size, ranging through a wide range of colors and markings, including shades from delicate rose to blackish purple and from snow-white to cream and silver-gray, some in solid colors, while others are edged with contrasting colors or striped, spotted and starred in combinations too vast to enumerate, The vines are robust, attaining a growth of 30 to 50 feet. The foliage is distinct and varied, comprising vived green, silvery-yellow, mottled, etc. Illustrations and colored plates cannot do justice to the beauty of this most valuable climber. Our strain has been selected with much care, and will be found to comprise an excellent assortment . . . . 10

## MALVA, or MALLOW.

Showy and free-flowering border plants, succeeding in any common garden soil. Hardy annuals.

**Crispa.** (Curled Mallow.) Ornamental foliage with curled edges; very fine, 5 ft. . . . . Pkt. 5

**Miniata.** Scarlet, 1½ ft. . . . . 10

## MARVEL OF PERU.

(FOUR O'CLOCKS.)

These are well-established favorites in old-fashioned gardens, and deservedly, for in a favorable season they produce a grand effect from their mass of bloom and dense foliage. The habit of the plant is also excellent from its earliest stages of growth. Height, 2 ft.

**Finest Mixed.** Per oz., 15 cts. . . . . Pkt. 5

**Elliott's Dwarf Mixed.** Similar to above, except in height and size of blooms. Plants, when fully developed attain a height of about 1 foot. The foliage is a bright green, and flowers range through shades of red, rose, yellow and white. Recommendable for borders or pot plants. 10

## MATRICARIA.

(FEVERFEW.)

Low-growing plants, suitable for beds and edgings, extensively grown by florists for their flowers. Succeed best in a light, rich soil. Half-hardy perennials.

**Capensis.** Dwarf, double white, 1 ft . . . . . Pkt. 10

**Eximia.** White, quilled, 1½ ft. . . . . 10

**Grandiflora.** An improved, large flowered pure white variety . . . . . 10

## MATHIOLA.

(NIGHT-SCENTED STOCK.)

The delicious rich perfume emitted by the flowers of this plant—in the afternoon, evening, and after a shower—is truly delightful, and perceptible some distance off. Hardy annual.

**Bicornis.** Pink and lilac, 1 ft. . . . . Pkt. 10

## MAURANDYA.

These charming climbers cannot be too highly praised for their beautiful flowers and foliage. From their graceful slender growth they are admirably adapted for hanging baskets, vases or any form of trellis work.

**Barclayana.** Deep violet, 10 ft . . . . . Pkt. 10
**Alba.** A pretty white variety, 10 ft. . . . . 10
**Mixed Colors** . . . . . 10

## MIGNONETTE.

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the garden; if well thinned out immediately the plants are large enough, they will grow stronger, and produce larger spikes of bloom. Hardy annual.

**Elliott's Mammoth.** Without doubt the largest flowered form that has yet been seen and the finest Mignonette in cultivation. . . . . Pkt. 10
**Large Flowering.** The common sweet Mignonette. Per oz., 15 cts.; ¼ lb., 40 cts. . . . . 5
**Machet.** The best for pots, one of the finest of recent introductions, quite constant. Per oz., 75 cts . . . . . 10
**Golden Queen.** Splendid spikes of golden yellow blossoms. Per oz., 50 cts . . . . . 5
**Miles Hybrid Spiral.** Very fragrant; splendid for pot culture. Per oz., 50 cts . . . . . 5
**Red Victoria.** Dwarf branching habit, bearing large compact trusses of fragrant deep red flowers . . . . . 10
**Parson's White.** Nearly white; strongly scented; long well-formed spikes. . . . . 5

## MIMULUS.

(MONKEY FLOWER.)

Very handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers; fine conservatory or sitting-room plants, growing splendidly in baskets, vases, etc.

**Moschatus.** Yellow. The well-known Musk plant; needs rich soil and plenty of moisture . . . . . Pkt. 10
**Tigrinus.** Tigered and spotted varieties . . . . . 10
**Duplex.** (Hose in Hose.) Beautiful double tigered and spotted varieties. . . . . 25

## MIMOSA.

(SENSITIVE PLANT.)

Very curious and interesting plant, with globular heads of pink flowers. The leaves and footstalks close and droop at the slightest touch, or in cloudy, damp weather and during the night. Thrives best in the greenhouse.

**Pudica.** Tender annual, 2 ft . . . . . Pkt. 5

## MESEMBRYANTHEMUM.

Beautiful dwarf edging plants, flowering most profusely; belonging to the singular tribe of succlents, so peculiar in their growth. They are also well adapted for rockeries, old stumps of trees, etc.; will stand drought well and the hottest sun. Annuals.

**Cordifolium Variegatum.** Remarkable for the distinct white and green variegation of its leaves . . . . . Pkt. 10
**Tricolor.** Rose, with purple center . . . . . 5

## MYOSOTIS.

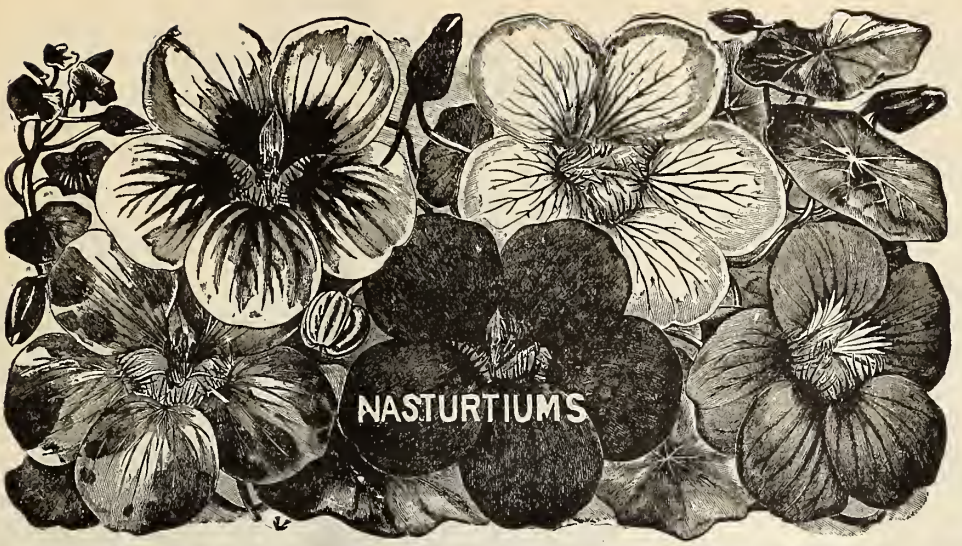
(FORGET-ME-NOT.)

Charming little plants, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration, thriving best in moist, shady situations. Perennials, but will flower the first season if started early in a hot-bed.

**Alpestris, "Victoria."** New, of stout bushy habit, bright azure blue flowers, 5 to 7 in. high . . . . . Pkt. 10
**Distinction.** A seedling of the Victoria, flowering in 8 to 10 weeks from sowing the seed. . . . . 15
**Robusta Grandiflora.** (Eliza Fanrobert.) New, fine pyramidal habit, bright, blue. . . . . 10
**Blue** . . . . . 10
**Alba.** White . . . . . 10
**Azorica.** Dark blue, very pretty. . . . . 10

MYOSOTIS.

**Dissitiflora.** Clear blue flowers, very early, and continues long in bloom, ½ ft . . . . . 10
**Alba.** New white Forget-Me-Not . . . . . 25
**Palustris.** (True Forget-Me-Not), Blue, with white eye. 10




## MOMORDICA.

Curious trailing-plants with ornamental foliage. The fruit changing from green to bright orange, and when ripe, bursts open, exposing its bright red seeds and carmine interior. Very effective on trellis, fences, stumps, etc. Annual.

**Balsamina.** (Balsam Apple.) 10 ft . . . . . Pkt. 5
**Charantia.** (Balsam Pear.) 10 ft . . . . . 5

## MUSA.

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. Seedlings attain a large size the first year if properly treated, and frequently repotted. Thrives best in a rich soil, requiring plenty of room and moisture.

**Ensete.** (Abyssinian Banana.) Tender perennial, 10 to 20 ft . . . . . 25

## MYRSIPHYLLUM.

(SMILAX.)

In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensible. Soak the seed in warm water twelve hours and plant it in pots, in hotbed or greenhouse, in February, and keep in moist place. Plant in a 2-inch pot. Tender, perennial climber; 10 feet.

**Asparagoides.** (Smilax.) White. Per oz., 75 cts . Pkt. 10

## NEMOPHILA.

Extremely pretty dwarf, hardy annuals of spreading habit, well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted. Nemophila will grow in any soil; may be sown several times during the year, and will bloom early.

**Insignis.** Blue, white center . . . . . Pkt. 5
**Maculata.** White, with purple spots, 9 inches . . . . 5
**Mixed** Many varieties . . . . . 5

## NERTERA DEPRESSA.

A very handsome creeping plant, with oval fleshy leaves and small white flowers, covered later with small coral-colored berries; fine for pot culture. Tender perennial. 25

## NASTURTIUM.

### Dwarf Varieties.

One of the most showy and popular annuals; plants compact, not over 1 ft. high and covered with a profusion of rich colored flowers. Succeed under all weather and conditions.

| | Oz. | Pkt. |
|---|---|---|
| **Aurora.** Salmon-rose, mottled blush white, garnet blotches | 20 | 5 |
| **Beauty.** Yellow flushed vermilion | 20 | 5 |
| **Bronze Color.** Rich coppery bronze | 20 | 5 |
| **Chameleon.** Blotched and splashed crimson, bronze and yellow | 20 | 5 |
| **Cloth of Gold.** Yellow foliage, flowers deep scarlet | 20 | 5 |
| **Cœrulea Rosea.** Rose-tinged purple | 20 | 5 |
| **Crystal Palace Gem.** Sulphur, maroon spots | 20 | 5 |
| **Empress of India.** Brilliant crimson, with dark tinted foliage | 20 | 5 |
| **Golden King.** Golden yellow | 20 | 5 |
| **King of Tom Thumbs.** Scarlet | 20 | 5 |
| **King Theodore.** Dark maroon; dark foliage | 20 | 5 |
| **Lady Bird.** Orange yellow, red spots | 20 | 5 |
| **Pearl.** Creamy white | 20 | 5 |
| **Prince Henry.** Cream color, marbled and spotted with bright crimson-scarlet and frequently tipped with wine red | 20 | 5 |
| **Rose** | 20 | 5 |
| **Ruby King.** Carmine | 20 | 5 |
| **Tom Thumb Mixed.** ¼ lb., 35 cts | 15 | 5 |

Collection 12 varieties, Dwarf, 50 cts.

**Lilliput.** The plants are in every respect smaller than the above dwarf sorts. The little flowers are borne in great profusion well above the dense foliage. The colors are quiet varied and unique . . . . . 10

### Climbing Varieties.

Beautiful and luxuriant climbing annuals of the easiest culture. Unsurpassed for covering trellises, arbors or unsightly fences. Flowers profusely until killed by frost. Height 6 to 10 feet.

| | | |
|---|---|---|
| **Crimson** | 15 | 5 |
| **Chocolate** | 15 | 5 |
| **King Theodore.** Dark crimson, dark foliage | 15 | 5 |
| **Orange** | 15 | 5 |
| **Pearl.** Cream white | 15 | 5 |
| **Prince Henry.** Cream color, spotted crimson | 15 | 5 |
| **Regelianum.** Purple violet | 15 | 5 |
| **Rose** | 15 | 5 |
| **Scarlet** | 15 | 5 |
| **Yellow** | 15 | 5 |
| **Golden Leaved Scarlet.** Flowers dark crimson scarlet, foliage yellow | 15 | 5 |
| **Tall Mixed.** All colors, ¼ lb., 30 cts | 10 | 5 |

Collection 10 varieties, Tall, 40 cts.

**Madame Gunter Hybrids.** A distinct class of Large-flowering Tall Nasturtiums, foliage dark and flowers richly colored, covering a wide range of variety . . . 25 5

### Lobb's Climbing Nasturtiums.

(TROPAEOLUM LOBBIANUM.)

The leaves and flowers are smaller than the ordinary Tall Nasturtium, but flowers in greater profusion, and are superior for trellises, arbors, rockwork, etc. Flowers are

NASTURTIUM—*Continued.*

unusually rich and brilliant; excellent for winter decorations in the greenhouse and conservatory.

**Asa Gray.** Primrose yellow . . . . . Pkt. 10
**Lucifer.** Very dark scarlet . . . . . 5
**Spitfire.** Brilliant scarlet . . . . . 5
**Chaixianum.** Yellow blotched carmine . . . . . 5
**Roi des Noirs.** Blackish crimson . . . . . 5
**Lobbianum, Extra Mixed.** Per oz., 30 cts . . . . . 5
**Collection** of eight separate colors . . . . . 40

## NICOTIANA.

**Affinis.** A very valuable plant, producing freely deliciously-scented large white tubular flowers; grows well in a rather rich loam. Tender annual, 3 ft. . . . . 10

## NIGELLA.

(LOVE-IN-A-MIST.)

Very interesting, free-flowering plants, with curious-looking flowers and seed pods. Hardy annual.

**Damascena.** Finest mixed, 1 ft. . . . . 5

## NIEREMBERGIA.

Beautiful little plants, flowering profusely the whole summer, fine for pots, edgings, hanging baskets, etc.

**Gracilis.** Light blue, yellow eye . . . . . 10
**Frutescens.** Lilac, free flowering . . . . . 10

## OXALIS.

Charming little plants. O. Tropæoloides has fine dark bronze foliage. All the varieties are very useful for covering rock-work, also for baskets and edgings. Sow in cold frame, and transplant into sandy soil. Half-hardy perennials.

**Rosea.** Rose colored, blooms abundantly, ½ ft. . . . . 10
**Alba.** Pure white . . . . . 10
**Tropæoloides.** Deep yellow, brown leaves; very interesting variety, ½ ft. . . . . 10
**Valdiviana.** Pure yellow . . . . . 10

## ŒNOTHERA.

(EVENING PRIMROSE.)

Œnotheras are very fine half-hardy annuals, opening their flowers suddenly in the latter part of the day. Some of the large varieties attract much attention.

**Annual Varieties, Mixed** . . . . . 10

## PASSIFLORA.

(PASSION FLOWER.)

Magnificent ornamental climbers, with beautiful and remarkable flowers, which are produced in the greatest profusion. Tender perennials.

**Cœrulea.** Sky-blue; will bloom in the open ground in summer, 20 ft. . . . . 10
**Coccinea.** Vivid scarlet flowers, 15 ft. . . . . 10

## PENTSTEMON.

Beautiful and attractive, hardy, herbaceous plants with long, graceful spikes of richly colored flowers. Succeed in a light loam, and should have a dry situation, as they suffer more from wet than cold during the winter.

**Hybridus. Extra Mixed,** 2 ft . . . . . Pkt. 10

## PERILLA.

An ornamental foliage plant which thrives in any soil; leaves of a deep mulberry or blackish purple, forming a fine contrast to plants of lighter foliage.

**Nankinensis.** Purplish black leaves, 1½ ft . . . . . Pkt. 5

## PETUNIA.

This flower, from its beauty, fragrance and duration in bloom, is a great favorite, and is equally adapted for greenhouse, conservatory or outdoor culture. A great effect may be produced by training them as semi-climbers in a background to an ornamental mixed border. Petunias contrast well in bedding with Scarlet Geraniums, Coleus and Perilla.

### Single Varieties.

**New Large-Flowering Single-Fringed.** An unrivalled strain. Mixed colors . . . . . Pkt. 25
**Grandiflora.** Large flowering varieties, in splendid mixture . . . . . 25

PETUNIA.

**Dwarf Inimitable.** Star Petunia, beautiful compact growing variety . . . . . Pkt. 10
**Large Throated.** New, splendid collection of mixed colors 25
**Argentea.** Silvery white . . . . . 10
**Choice Mixed.** Striped and blotched . . . . . 10
**Fine Mixed** . . . . . 5
**Collection** of twelve separate varieties. Large flowering single . . . . . 1.00

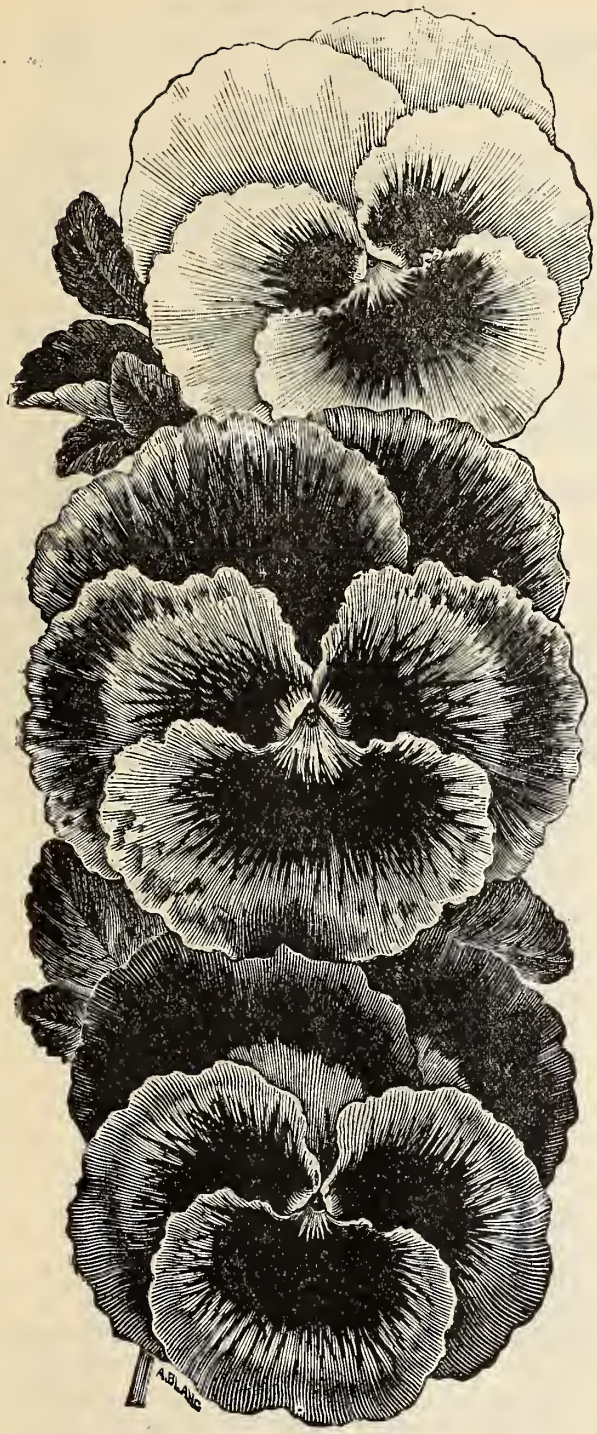
### Double Varieties.

**Double Striped and Blotched.** Large double variegated flowers. . . . . Pkt. 25
**Double Fringed.** Large double, beautifully fringed flowers 50
**Collection** of twelve separate varieties, double . . . . . 1.25
**Collection** of six separate varieties, double fringed . . . . 75

*Only a small per cent. of double Petunia seeds will produce double flowers. The weaker seedlings should be carefully selected as these always produce double flowers.*

## PHASEOLUS CARACALLA.

A beautiful climber; may be grown outside in summer and in the greenhouse in winter. Valued by florists for their delicious fragrance and resemblance to orchids; bluish white flowers. Plant in light, rather rich loam . . . Pkt. 10




## PANSY.

(HEARTSEASE.)

We offer seed of the best varieties of this highly esteemed flower, and many new sorts and shades may be obtained from the mixed packets. Start early in March in the house; if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out of doors. Pick off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow. Seeds sown in a cool place in June, or later, and kept well watered will produce fall flowering plants. Sow also in September for winter flowering. The plants should always occupy a cool, partially shaded situation, and the ground cannot be too rich; coolness and moisture are necessary.

**Elliott's Special Blended.** This mixture contains all the popular varieties, those of giant size, new, rich distinct colors and the oddly marked blotched and striped sorts. The quality will be found unsurpassed . . Pkt. 25

**Extra Choice English.** Large flowering . . . . . 25

**French, Large Stained.** Very choice, mixed . . . . . 25

**Odier.** (Five blotched.) Finest large blotched varieties. 25

**Bugnot's.** Superb blotched, exceptionally fine strain . . 25

**Giant Cassier.** (Fine blotched.) Splendid large flowers. 25

**Giant Trimaedeau.** In size of flowers and robust growth these excel all other strains. Mixed colors . . . . . 15

**White.** With blue blotches . . . . . 25

**Black.** Rich velvety black . . . . . 25

**Yellow.** Golden yellow with black eye, one of the most showy Pansies . . . . . 25

**Purple.** Velvety royal purple . . . . . 25

**Blue.** Rich ultra marine blue, with purple eye . . 25

**Striped.** Mahogany striped with yellow . . . . . 25

**Collection of 6 Varieties** Trimædeau Pansies . . . . . 1.00

**Red Victoria.** Rich velvety bright claret color, the nearest approach to a scarlet in Pansies . . . . . 25

**Snow Queen.** (Candidissima.) Large satiny white . . . . 10

**Faust.** (King of the Blacks.) Densest black Pansy known 10

**Emperor William.** Brilliant blue, with well defined purple eye; splendid . . . . . 10

**Lord Beaconsfield.** Deep purple violet, shading to white on the upper petals . . . . . 10

**Yellow Gem.** Pure yellow without eye . . . . . 10

**Gold Margined** . . . Pkt. 10 **White Margined** . . . . . 10

**Mahogony Colored** . . . . 10 **Bronze Colored** . . . . . 10

**Fawn Colored** . . . . . 10 **Striped** . . . . . 10

**Auriculæflora.** Bronze, margined rose . . . . . 10

**Fine Mixed** . . . . . 5 **Good Mixed** . . . . . 10

**Collection** twelve choice varieties . . . . . 1.00

**Collection** six choice varieties . . . . . 50

## PHACELIA.

Very fine new annual from California, blooms about eight weeks from time of sowing, showy and free-flowering; grows in common loam.

**Campanularia.** Beautiful rich deep blue, 6 inches high, Pkt. 10

## POLEMONIUM.

(JACOB'S LADDER.)

Fine, hardy, herbaceous perennials, with large heads of flowers; excellent border plants.

**Mixed.** Blue and white, 1 ft . . . . . Pkt. 5

## POLYANTHUS.

Splendid spring-flowering plants, either for pot culture or the open border. Half-hardy perennial.

**Mixed.** (Primula elatior.) Fine border varieties, ¾ ft . . . . . Pkt. 10

**Splendid Mixed.** Extra choice, ¾ ft . . . . . 25

## PHLOX DRUMMONDII.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom and lenght of duration in bloom; of first-rate habit, and whether in clumps or masses look equally beautiful. It is one of our finest annuals for beds, borders, etc. Plant in light, rich loam.

**Choice Mixed.** Per oz., 50 cts. . . . . Pkt. 5

### Large Flowering Varieties.

**Alba.** Pure white . . . . . Pkt. 10
**Alba Oculata.** White with claret eye . . . . . 10
**Coccinea.** Brilliant scarlet, excellent for bedding . . . . 10
**Rosea.** Beautiful rose . . . . . 10
**Leopoldi.** Rose, white eye . . . . . 10
**Atropupurea.** Deep purplish blood color, rich and velvety. 10
**Chamois Rose.** Salmon pink with dark orange scarlet eye. 10
**Isabellina.** Lemon yellow, garnet eye . . . . . 10
**Kermesina Splendens.** Vivid crimson, white eye . . . . . 10
**Grandiflora Mixed.** Extra large-flowered varieties. Per oz., 75 cts. . . . . 10

### Dwarf Phlox Nana Compacta.

Excellent for pot culture and ribbon bedding; dwarf compact growth; height 9 inches.

**Fireball.** Brilliant scarlet . . . . . Pkt. 10
**Snowball.** Pure white . . . . . 10
**Rosea.** Beautiful rose . . . . . 10
**Nana Compacta Mixed.** All colors . . . . . 10

### Dwarf Phlox Graf Gero.

Dwarf, excellent for pot culture.

**Alba.** Pure white . . . . . 25
**Coccinea.** Bright scarlet . . . . . 25
**Rosea.** Beautiful rose . . . . . 25
**Violacea.** Violet . . . . . 25
**Graf Gero Mixed** . . . . . 25

### Double Flowering Phlox.

Very desirable on account of the durability of its flowers which last longer in perfection than the single sorts. Double White, 15 cts.; Double Yellow, 15 cts.; Double Scarlet, 15 cts.; Double Mixed, 10 cts.

**Phlox Drummondii, Star of Quedlinberg** (Cuspidata.) New, various colored star-like flower . . . . . Pkt. 10

## PHLOX DECUSSATA.

**Hardy Perennial Phlox.** One of the best plants for beds or borders. Finest mixed . . . . . Pkt. 10

## PORTULACA.

Very brilliant dwarf annuals only 6 inches high, best adapted to warm situations and blooming profusely from early summer until autumn. Very effective in beds, edgings or rockwork. Seeds should be sown late, as they will not germinate till hot weather. Thrive best in light sandy soil.

**Single Extra Mixed.** Per oz., 40 cts. . . . . Pkt. 5
**Collection** of ten separate colors . . . . . 40

### Double Portulacas.

**White** . . . . . Pkt. 15
**Orange** . . . . . 15
**Rose Color** . . . . . 15
**Scarlet** . . . . . Pkt. 15
**Sulphur** . . . . . 15
**Rose Striped Carmine** . . . 15

**Mixed Colors,** 10 cts.

**Collection** of eight separate colors . . . . . 50

## POTENTILLA.

These are handsome herbaceous plants, and from their hardiness and showy character are exceedingly useful and ornamental; they may be employed to advantage in filling up vacant nooks and corners, even in single plants; and in all situations, their neatness of foliage and long duration in bloom render them objects of desire.

**Double.** Choice varieties mixed; 1 ft . . . . . Pkt. 25
**Single.** Finest mixed; 1½ ft. . . . . 10

## PHYSALIS FRANCHETI.

**Japanese Giant Winter Cherry.** A remarkably showy annual of erect branching habit. The plants are well covered with handsome green foliage, studded with large cherry-like fruit, enclosed in an enormous balloon-like semi-transparent calyx of bright crimson color; very effective in the autumn garden or excellent when grown as pot plants for winter decoration . . . . Pkt. 15

## POLYCOLYMNA STUARTI.

A very good everlasting, with white and yellow flowers; half-hardy annual, 1½ ft . . . . . Pkt. 10

## POPPY.

(PAPAVER.)

Very showy, free blooming, old-fashioned flowers. Very effective in mixed borders. Seed should be sown early in the spring where they are to stand, as they are not easily transplanted.

### Double Flowering Annual Poppies.

**Carnation Flowered.** Large globular flowers, finely slashed and frilled, 2 to 2½ feet high.

| | | | |
|---|---|---|---|
| **White** . . . . . Pkt. | 5 | **Scarlet** . . . . . Pkt. | 5 |
| **White Striped Scarlet** . | 5 | **Ash Grey** . . . . . | 5 |
| **Light Yellow** . . . . . | 5 | **Dark Lilac** . . . . . | 5 |
| **Rose** . . . . . | 5 | **Purple on black-brown** . . | 5 |

**Mixed, all colors,** 5 cts.

**Eider-Down.** Robust plants 1½ to 2 feet high; the flowers form a great round ball of pure white, the edges of petals are deeply pinked and slashed . . . . . Pkt. 5

**The Mikado.** Large double flowers, pure white, with fringed edges of crimson scarlet . . . . . 5

**Snowdrift.** Pure white, extremely double flowers, perfect form; very large size . . . . . 5

**French Ranunculus-flowered.** Double mixed, 2 ft . . . . . 5

**Pæony Flowered.** Double mixed . . . . . 5

**Japanese Pompone.** Flowers small but very double and numerous. Mixed colors . . . . . 5

POPPY SNOWDRIFT.

### Single Flowering Annual Poppies.

**Shirley.** A strain of marvelous beauty with single and semi-double flowers ranging in color from pure white through the most delicate shades of pink, rose and carmine to the deepest crimson, while many are delicately edged and striped; there is such a wide variety among this class that scarcely two will be found alike. If blooms are cut when young they will stand several days without drooping . . . . . 10

**Tulip Poppy.** (Papaver Glaucum.) A new species, 12 to 14 inches high, producing 50 to 60 vivid scarlet flowers The two outer petals form a saucer surrounding two erect petals, giving the appearance of Scarlet Tulips. Pkt. 10

SHIRLEY POPPY.

**Danebrog.** Brillant scarlet, each of the four petals being stamped with an ivory white spot . . . . . 5

**Umbrosum.** Rich vermilion, with a shining black spot on each petal . . . . . 5

**Laevigatum.** Gorgeous New Persian Poppy, deep scarlet, with black spots, white margin . . . . . Pkt. 10

**The Bride.** Satiny white flowers of large dimensions . . . 10

**English Scarlet.** One of the commonest plants in Great Britain, being found growing wild there in field after field, producing the most gorgeous effect with its dazzling scarlet blooms . . . . . 5

### Hardy Poppies.

**New Hybrid Oriental.** Containing charming new colors, including blush pink, black purple, deep blood red, etc. Hardy perennial . . . . . Pkt. 15

**Bracteatum.** Very large orange scarlet flowers, averaging 5 inches in diameter. Perennial variety . . . . . 10

**Iceland Poppies.** (Papaver Nudicaule.) Although hardy perennials, this class bloom the first season from spring sown seed. Flowers fragrant, elegant crushed satin-like and produced in profusion from beginning of June to October. Mixed colors . . . . . 10

## PRIMULA.

### Fringed Chinese Primrose.

The Chinese Primrose is a great favorite for the house or conservatory, and one of the most important winter blooming pot plants. The foliage is very attractive and flowers 1½ to 2 inches in diameter; are borne in cluster and produce a very charming appearance. The seed which we offer is of the highest merit and as usual is saved from the very best English strains and cannot be surpassed. Sow in March, Aprii or May.

**Single Fringed.** Very choice mixed . . . . . Pkt. 25

**Alba.** Pure white . . . . . 35

**Rubra.** Red, very fine . . . . . 35

**Fern Leaved.** White . . . . . 35

**Fern Leaved.** Crimson . . . . . 35

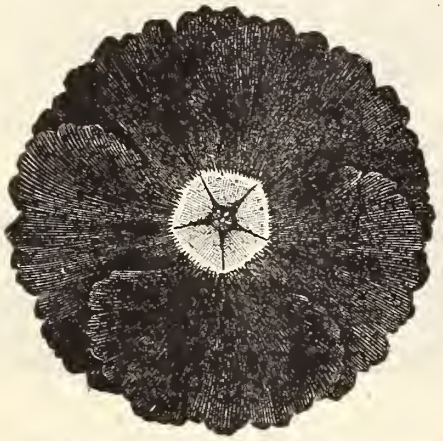
**Alba Magnifica.** (Williams'). Pure white, with a large, bright yellow eye . . . . . 50

**Rubra Violacea.** Of robust habit, bearing flowers of an exceedingly peculiar violet-crimson shade . . . . . 50

**Chiswick Red.** The most brilliant crimson-scarlet Primula; the foliage is very finely cut, and a deep green color . . 50

PRIMULA—*Continued.*

**Meteor.** Plant of compact habit, the leaves are deeply cut and of a dark reddish tinge. The blooms are of good form and substance, and well fimbriated at the edges. Color an intense rich crimson, relieved by a bright yellow eye . . . . . Pkt. 50



PRIMULA FRINGED CHINESE PRIMROSE.

**Magenta Queen.** Compact habit of growth, very vigorous and robust; the leaves are of a dark-green color. The blooms are very large, of very good substance and a bright magenta color, with a small bright lemon eye . . 75

**Village Maid.** White, striped and spotted with carmine, very beautiful and finely fringed . . . . . 50

**Princess Louise.** Splendid white flowers, of great size and substance, and peculiar metallic luster of surface; very distinct . . . . . 75

### Double Fringed Chinese Primrose.

**Alba Plena.** Double white . . . . . Pkt. 75

**Rubra Plena.** Double red . . . . . 75

**Finest Double Mixed** . . . . . 75

### Greenhouse Primroses.

**Floribunda.** Of the same general character as the preceding, with primrose yellow flowers. Very fragrant and free blooming; will thrive under window cultivation . . 25

PRIMULA OBCONICA.

**Obconica.** A profuse blooming primrose. Seed sown in early spring will produce blooming plants in May or June, which will continue in profusion the entire year. Flowers pale lilac color with the true Primrose fragrance, borne in heads of 10 to 15 blooms on long stems. Thrives best in a cool house . . . . . Pkt. 15

### Hardy Varieties.

(See also Auricula, Cowslip and Polyanthus )

Well-known spring flowers; to get fine plants sow in cold frame or greenhouse and transplant. The seed of P. Japonica frequently takes a long time to germinate.

**Dean's New Hardy Hybrids.** Beautiful, hardy varieties, all colors mixed . . . . . Pkt. 25

**Cortusoides.** (English Primrose.) Red . . . . . 10

**Vulgaris.** Yellow English Primrose . . . . . 10

**Japonica.** The Queen of Primroses. The beautiful, fine, large, magenta-colored flowers stand in whorls, pyramidally arranged on stout flower stems, which are over 1 ft. high . . . . . 10

**Denticulata.** Reddish purple . . . . . 25

**Rosea.** Beautiful bright rose . . . . . 25

## PYRETHRUM.

(FEVERFEW.)

Hardy, free flowering perennials, growing well in any good garden soil. The Golden Feather is now so well-known that no recommendation is needed. P. Tchihatchewi is valuable for obtaining verdure on poor soils, forming a moss-like turf, even under trees. P. Parthenium is very double and pure.

**Roseum Hybridum.** Double and single varieties, choice mixed colors . . . . . Pkt. 25

**Aureum.** (Golden Peather.) Beautiful, gold-leaved bedding plant, retaining its ornamental character till late in autumn. Per oz., $1.00 . . . . . 10

**Parthenium.** (Double Feverfew.) Pure white, double flowers, very beautiful, desirable for bedding . . . . . 10

**Tchihatchewi.** White flowers, dark green foliage . . . . 10

**Carneum.** (Persian Insect Powder.) Flesh color . . . . 10

## RHODANTHE.

These are the most graceful of all the Everlastings, and form admirable pot or window plants, in addition to their utility for winter bouquets. Good manuring and a light soil best develop the merits of the Rhodanthe. Half hardy annuals.

**Maculata.** Rosy purple, with crimson center 1 ft. . Pkt. 10

**Alba.** White, 1 ft. . . . . 10

**Flore Pleno.** New double, with bright rosy carmine flowers . . . . . 25

**Mixed Colors** . . . . . 10

## RHODODENDRON.

**Arboreum Hybridum.** Finest mixed. Hardy perennials, 3 to 4 ft. . . . . 25

## RICINUS.

(CASTOR OIL BEAN.)

Highly ornamental and stately growing plants, ranging in height from 8 to 15 feet, with the most picturesque and varied colored foliage. Grown as single specimens on lawns and pleasure grounds, they form a striking feature. Plant the seeds as soon as the ground is warm in spring. Half-hardy annuals.

**Zanzibariensis.** The gigantic leaves 2 to 2½ feet across, together with the great size of the plants surpass all other Ricinus. The varied color of the leaves and bright contrasting ribs and stems found among this class form a very pleasing effect. This sort make excellent specimen plants; also desirable for hedges to screen objectionable views from the lawn. Finest mixed; oz., 25 cts. . . . . Pkt. 5

**Cambodgensis.** One of the finest of decorative plants. The main stem and leaf stalks are of shiny ebony black. Leaves large and richly colored . . . . . 15

**Borboniensis Arboreus.** Very large and handsome foliage, 15 ft. . . . . 5

**Giganteus.** Leaves of immense size, 12 ft. . . . . 5

**Gibsonii.** Dark red foliage, 5 ft. . . . . 5

**Sanguineus.** Red fruit, very ornamental, 10 ft. . . . . 5

**Tricolor.** Three-colored, very beautiful, 7 ft. . . . . 5

**Mixed Varieties.** Per oz., 20 cts. . . . . 5

## RIVINIA.

Greenhouse evergreen shrub, with racemes of white flowers and beautiful little bright scarlet berries; very handsome for pot culture. Use a mixture of leaf mould and sand for potting.

**Humilis.** (Rouge Plant.) White, 2 ft. . . . . Pkt. 25

## ROCKET.

(HESPERIS.)

Very pleasing early spring flowering, profuse blooming plants, with fragrant flowers, growing freely in any light rich soil; unlike most plants, they do better if transplanted every second season; hardy perennials.

**Sweet.** Purple, 1½ ft. . . . . Pkt. 5

**White,** 1½ ft. . . . . 5

**Mixed,** 1½ ft. . . . . 5

## SALVIA.

(FLOWERING SAGE.)

Magnificent bedding plants, loaded with spikes of scarlet flowers from July till October. Start in a hotbed and transplant.

**Clara Bedman or Bonfire.** The finest Salvia yet introduced. Very dwarf and compact in habit. The flower stems stand stiff and erect, bearing their brilliant scarlet mass well above the handsome dark green foliage . . . . . Pkt. 15

**Splendens.** Scarlet sage, 3 ft. Per oz., $3.00 . . . . . 10

**Coccinea.** Scarlet upright, 2 ft. . . . . 10

**Lactea.** The first pure, milk-white Salvia in existence; habit like Coccinea; very ornamental. . . . . 10

**Farinacea.** Bright little blue flowers, long bloomer. . . 10

**Patens.** Splendid deep blue; this variety is a perennial, and must be sown very early to bloom first season . . 25

## SALPIGLOSSIS.

Highly ornamental autumn blooming plants, with remarkably beautiful funnel-shaped flowers, curiously marked and penciled. Sow under glass and transplant into the open ground as early as weather will permit. May also be sown about the end of May for later flowering. Half-hardy annuals.

**Finest Mixed.** 1½ ft. . . . . Pkt. 5

## SAPONARIA.

The longest blooming of all dwarf annuals, producing masses of minute cross-shaped rose-colored blossoms on a light and graceful leaf-ground; admirable for bedding.

**Calabrica.** Bright rosy pink . . . . . Pkt. 5

## SANVITALIA.

A beautiful little plant, well adapted for small beds and rockwork. The flowers are large in proportion to the size of the plant, and of a rich brown and yellow color. Thrives best in a light, rich soil, and continues in bloom during the summer and autumn months. Hardy annual, ½ foot,

**Procumbens, fl. pl.** Beautiful bright yellow double flowers. . . . . Pkt. 10

## SCHIZANTHUS.

These are elegant slender branched plants, with very conspicuous flowers, good for the open border or pot culture. If wanted for spring flowering, should be sown in September, and protected during the winter. In flower July and August. Half-hardy annuals. 1½ to 2 ft.

**Fine Mixed.** Many varieties . . . . . Pkt. 5

## SCABIOSA.

(MOURNING BRIDE.)

Very showy plants, with beautifully variegated flowers; very valuable for cutting for bouquets and other ornaments. They embrace nearly all colors, from very dark to white. Sow quite early in the spring, in the open border.

**Nana Fl. Pleno.** Flowers quite double and globular, varying in all the shades of white, carmine, maroon, lilac, etc.; a valuable flower to use in bouquets or vases of cut flowers; 1 ft. . Pkt. 5

**Tall German.** Mixed, 2 ft. 5

## SEDUM.

(STONECROP.)

A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. Hardy annual.

**Cœruleum.** Blue, ½ ft . . . . . Pkt. 10

## SENSITIVE PLANT. (See Mimosa Pudica.)

## SMILAX. (See Myrsiphyllum.)

## SOLANUM.

A beautiful genus of ornamental foliage and fruit-bearing plants, which grow freely in any good, rich soil.

**Capsicastrum.** Covered all over with a profusion of scarlet fruit, 1½ ft . . . . . Pkt. 10

**Little Gem.** New. Dwarf habit, 9 inches high. Berries globular, bright scarlet and of the size of a Red Currant; highly ornamental . . . . . 25

**Cabiliense Argenteum.** Silvery leaves, yellow fruit . . . 10

## STOCKS.

(GILLIFLOWER.)

A world-wide favorite, brilliant and varied in color, equally well adapted for massing, bedding, edging or pot culture. Very profuse bloomers; should be grown in rich soil with an admixture of lime rubbish, which all stocks delight in. Sow the seed in February or March in the hot-bed, or May and June in the open border.

### Large Flowering Dwarf Ten Weeks Stocks.

**Pure White** . . . . . Pkt. 10
**Blood Red** . . . . . 10
**Violet** . . . . . 10
**Canary-Yellow** . . . . Pkt. 10
**Bright Rose** . . . . . 10
**Chamois** (buff) . . . . . 10

**Double Mixed Large Flowering Dwarf** . . . 10

**Boston Market.** Handsome, pure white; the perfume is unsurpassed for fragrance . . . . . 15

**Snowflake.** A beautiful dwarf growing variety, with very large double snow-white flowers. Very early and excellent for forcing . . . . . 15

**Princess Alice.** (Cut and come again.) A perpetual flowering variety, growing about 2 feet high, and produces from spring to late fall beautifully shaped double pure white flowers. It throws out numerous side branches which bear clusters of bloom, and thrives best when freely cut . . . . . 10

**Wallflower-Leaved.** Pure white, extra fine, very desirable for bouquets . . . . . 15

**Crimson** . . . . . Pkt. 15
**Finest mixed** . . . . . 15

**Giant Perfection.** Splendid variety of pyramidal growth; height, 2½ ft.; finest mixed . . . . . 15

**Crimson, White.** Each . . . . . 15

**Dwarf German Ten Weeks.** Fine mixed . . . . . 5

### Intermediate Stock.

(AUTUMN FLOWERING.)

**Purple** . . . . . Pkt. 10
**White** . . . . . 10
**Scarlet** . . . . . Pkt. 10
**Mixed** . . . . . 10

### Biennial Stocks.

**Emperor or Perpetual.** Finest mixed . . . . . Pkt. 10

**Brompton or Winter.** Finest mixed . . . . . 10

STOCKS.

### Imported Collections of Stocks.

**Large-flowering Dwarf Ten Weeks.** 12 varieties . . . . . 75

**Wallflower-leaved Ten Weeks.** 10 varieties . . . . . 60

**East Lothian.** (Autumn flowering.) 4 varieties . . . . . 50

**Brompton or Winter.** 12 varieties . . . . . 75

**Emperor or Perpetual.** 6 varieties . . . . . 50

## SWEET WILLIAM.

(DIANTHUS BARBATUS.)

A well-known free-flowering popular favorite; the great improvements upon the old varieties made within the last few years have rendered it still more desirable; hardy perennials.

**Auricula-Flowered.** A very handsome variety, producing immense trusses of bloom. . . . . Pkt. 10

**Double Flowering.** Mixed. 1½ ft . . . . . 10

**Nigricans.** Dark crimson. 1½ ft . . . . . 10

**White.** Useful for bouquets. 1½ ft . . . . . 10

**Fine Mixed.** Per oz., 40 cts . . . . . 5

## SWEET PEAS.

These fragrant climbing annuals are too well-known to require a description at length here. Seed should be sown early in spring as the ground can be worked to enable the vines to get a good strong growth before the warm weather. Work thoroughly into the ground a large quantity of well rotted manure and make trenches six inches deep, in which the seed should be sown, covering them two inches. As soon as the plants show through, fill in the trench, which will secure a deep root and allow blooming through the heat of summer. Keep the flowers picked off, as fast as they come into full bloom, for if the pods are allowed to form the plants will stop blooming.

*Price, except where noted, 5 cts. per pkt.; 10 cts. per oz.*

**Adonis.** Carmine rose.

**Apple Blossom.** Standards; rosy-pink white wings.

**Blanche Ferry.** Pink and white like the Painted Lady, equally large and more abundant, more dwarf and earlier.

**Blanche Ferry, Extra Early.** Same color as above, but two weeks earlier.

**Blanche Burpee.** Very large flower, pure white.

**Boreatton.** Deep rich maroon, the finest dark colored.

**Bronze King.** Standards; coppery bronze; wings pure white.

**Butterfly.** White ground, delicately edged with lavender.

**Captain Clark.** White flushed heliotrope with blue edges.

**Celestial.** Round shell-shaped flower, delicate lavender.

**Countess of Radnor.** True; delicate lavender; very fine.

**Cupid White.** Dwarf; fine for pots or borders. Pkt., 5 cts.; oz., 15 cts.

**Cupid Pink.** (New.) Like above, except in color. Pkt., 10 cts.; oz., 25 cts.

**Delight.** White wings crested crimson.

**Dorothy Tennant.** Rosy heliotrope, darkening with age.

**Duchess of Edinburgh.** Standards; orange-scarlet, wings rosy crimson.

**Emily Henderson.** Pure white; early; large perfect flower; long stems.

**Empress of India.** Rosy-pink standards, white wings.

**Fairy Queen.** Pinkish-white, slightly lined crimson on standards.

**Gray Friar.** White clouded reddish lilac. Pkt., 5 cts.; oz., 15 cts.

**Grand Blue.** Bright lavender blue.

**Her Majesty.** Rosy pink, very fine.

**Ignea.** Bright crimson scarlet.

**Isa Eckford.** Creamy white, suffused rosy pink.

**Indigo King.** Standards; maroon-purple; wings indigo blue.

**Invincible Carmine.** Standards; rich crimson; carmine-scarlet wings.

**Katherine Tracy.** Delicate pink, large bold flower of much substance.

**Lady Penzance.** Bright rose, excellent form.

**Lemon Queen.** Blush white, tinted lemon.

**Lottie Eckford.** Lavender, shaded with pink and white.

**Mrs. Jos. Chamberlin.** White striped bright rose.

**Mrs. Eckford.** Primrose yellow.

**Mrs. Sankey.** (Black seed.) Large white flower, changing to blush.

**Orange Prince.** Bright orange, pink, flushed scarlet.

**Painted Lady.** Pink and white.

**Primrose.** Pale primrose yellow.

**Princess Beatrice.** Blush pink, very showy.

**Princess Victoria.** Standards; rosy pink; wings cherry-rose with lines of pink.

**Princess of Wales.** White striped, blue indigo and chestnut; large flower.

**Queen of Isles.** Scarlet mottled with purple and white.

**Queen of England.** Pure white, large and fine.

**Scarlet Invincible.**

**Senator.** Chocolate and creamy white, blotched and striped.

**Splendor.** Standards; rosy crimson; wings lighter shades, tinged magenta.

**Violet Queen.** Standards; pink; wings lilac.

**Elliott's Rainbow Mixture.** Comprising the choicest large flowering sorts; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Eckford's Hybrids Mixed;** ¼ lb., 25 cts.; lb., 75 cts.

**Fine Mixed;** ¼ lb., 15 cts.; ½ lb., 25 cts.; lb., 40 cts.

## STEVIA.

A useful plant for pot or border culture; very free flowering. Extensively used by florists for cut flowers. Very easily grown, requiring a light, rich soil. Tender perennials.

**Purpurea.** Purple, very fine . . . . . Pkt. 10
**Serrata.** White, fine for bouquets . . . . . 10

## SUNFLOWER.

(HELIANTHUS.)

A genus of well-known, tall-growing plants, with large, brilliant yellow flowers. They are very effective in proper situations, in large shrubbery borders, or as screens.

**Tall Double California.** Orange, 5 ft. Per oz. 25 cts. Pkt. 5
**Mammoth Russian.** Very large, single. Per oz., 10 cts. 5
**Globe-Shaped Double.** Saffron. Finest of all. 6 ft. Per oz., 30 cts . . . . . 5
**Variegated Foliage.** Very ornamental; 4 ft. . . . . 5
**Oscar Wilde.** Single, with small flowers, very handsome; 8 ft. Per oz., 30 cts . . . . . 5
**Cucumerifolius.** Habit very branching, growing about 3 feet high and blooming profusely throughout the season; flowers 2 inches in diameter, orange-yellow with black center . . . . . 10
**Primrose Color.** Branching habit blooming profusely until killed by frost. Flowers delicate sulphur yellow with black center. Very attractive. . . . . 10

## SWEET SULTAN.

(CENTAUREA MOSCHATA.)

Sweet-scented, profuse flowering plants, very effective in mixed or shrubbery borders; the flowers emit a delicate honey perfume, and are much prized for bouquets; grow freely in rich soil; hardy annuals.

**Purple.** 1½ ft . . . . . Pkt. 5
**White.** 1½ ft . . . . . 5
**Suaveolens.** Beautiful yellow. 1½ ft . . . . . 5
**Mixed Colors** . . . . . 5

## TACSONIA.

A beautiful climber for house or conservatory; flowers abundantly and nearly the whole season; closely allied to the Passion flower. They require a fine rich loam, plenty of light and moisture; half-hardy perennial.

**Ignea.** Scarlet; 10 ft . . . . . Pkt. 25
**Von Volxemi.** Large flowered; bright scarlet . . . . . 25

## TAGETES.

Beautiful and delicate fern-leaf plants, forming compact bushes covered with neat, bright colored blossoms; half-hardy annuals.

**Pumila.** Brown and yellow; very compact grower; 1 ft . . . . . Pkt. 10
**Golden Ring.** New; color rich orange; an abundant bloomer. . . . . 10

## THUNBERGIA.

Extremely ornamental climbers, much admired, very free bloomers. Sow in strong hot-bed in April after moistening the seed; pot first in the sandy loam and peat, afterwards use a good portion of poor lime-rubbish. In flower July to to October; half-hardy annuals; 4 ft.

**Alata.** Yellow or buff, with dark eye . . . . . Pkt. 5
**Aurantiaca.** Bright orange, with dark eye . . . . . 5
**Bakerii.** Pure white . . . . . 5
**Sulphurea.** Sulphur yellow, dark eye . . . . . 5
**Freyerii.** Buff . . . . . 5
**Finest Mixed.** Per oz., 40 cts . . . . . 5

### Greenhouse Varieties.

**Fragrans.** White . . . . . Pkt. 25
**Harrisii.** Blue. . . . . 25

## TYDÆA.

A beautiful class of dwarf free flowering greenhouse plants, producing a great variety of magnificent colors. Its dwarf habit renders it very valuable for florists, being equally as pretty as Gloxinias, blooming at the same time if sown early.

**Choice Mixed.** Greenhouse perennial . . . . . Pkt. 50

## TORENIA.

Sown February to April in pots, and kept under glass, it will thrive equally well if planted out in the summer months in the open ground; half-hardy annual.

**Fournieri.** Sky-blue flowers, with three spots of a dark indigo-blue, and a bright yellow stain in the center. Pkt. 25
**Baillonii.** A very pretty and distinct species, bearing bright yellow flowers, with purplish-brown tube . . . 25
**"White Wings."** Unusually attractive, being pure white with flush of rose at the throat . . . . . 25

## TRITOMA.

Interesting and showy plants, with flower stalk 3 feet high, covered for about a foot with bright orange-scarlet flowers. Very effective if planted in clumps or among shrubbery; rich soil. Half-hardy perennial.

**Uvaria Grandiflora.** (Red Hot Poker.) . . . . . Pkt. 10
**Saundersi.** New magnificent species . . . . . 25

## VIRGINIAN STOCK.

Charming dwarf free-flowering plants, extremely effective in small beds, baskets or as edgings. Annuals.

**Mixed.** Red and white . . . . . 5

## WAHLENBERGIA.

(PLATYCODON.)

A very interesting family of hardy, perennial plants, with Campanula-like flowers of white and blue, which are exceedingly beautiful. Sow under glass, or in the house, in April, and transplant to open ground in May.

**Grandiflora.** Deep blue, 4 ft. . . . . Pkt. 10
**Alba.** Pure white, 4 ft. . . . . 10
**Nana.** New dwarf, dark blue, 1 ft. . . . . 10

## VERBENA.

The Verbena is deservedly a universal favorite, unrivaled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Treat as tender annuals. Sow in a hot bed in March or April, and plant out in May. Seed sown in the open ground will flower in August.

**Pure White** . . . . . Pkt. 10
**Scarlet.** Extra fine . . . . . 10
**Citriodora.** (Lemon-scented Verbena,) . . . . . 10
**Fine Mixed Varieties** . . . . . 5
**Elliott's Mammouth Mixed.** Saved from the choicest varieties of large flowering Verbenas. Free blooming, vigorous growth, and contains all the new colors and shades . . . . . 10

## VINCA.

These beautiful greenhouse perennials may be treated as tender annuals for the garden. If sown under glass, and strong plants are set out early in a warm situation, they will flower in the summer and autumn, and may be potted for the house before frost.

**Rosea.** Rose, 2 ft. . . . . 10
**Rosea Alba.** White, red eye . . . . . 10
**Alba Pura.** Pure white . . . . . 10

## VALERIAN.

Showy plants for mixed borders or shrubberies, bearing large corymbs of bright flowers; bears shade and moisture well; hardy perennial.

**Mixed, All Colors** . . . . . Pkt. 5

## VIOLA. (VIOLET.)

Deservedly much in demand on account of their profusion of bloom, which lasts from early spring throughout the summer months, forming very effective beds, either by themselves or mixed with other plants. Sow in cool pit or warm border.

**Odorata.** Sweet-scented Violet, blue . . . . . Pkt. 10
**Cornuta.** Mauve colored . . . . . 10
**Alba.** Snow white . . . . . 10
**Lutea Splendens.** Yellow . . . . . 10
**Finest Mixed** . . . . . 10

## WAITZIA.

Beautiful everlastings, bearing their flowers in clusters and growing freely in any good, light soil. For winter bouquets, cut the flowers before they are fully expanded. Half-hardy annuals.

**Mixed Varieties** . . . . . Pkt. 10

## WHITLAVIA.

A beautiful free-flowering plant, with rich bell-shaped blossoms. Hardy annual.

**Grandiflora.** Fine violet blue, 1 ft. . . . . 5
**Gloxinioides.** Pure white, with blue lip . . . . . 10

## WALLFLOWER.

Well-known deliciously fragrant plants, with large spikes of double flowers similar to the Gilliflower. Succeed in light, rich soil, in a moist atmosphere. Perennials.

**Double Branching.** Finest mixed . . . . . 10
**Collection** of six separate colors . . . . . 50
**Single.** Fine mixed . . . . . 5
**Single Annual Wallflower.** Seedlings from this variety flower through the summer and fall, from seed sown the same spring . . . . . 10

## WIGANDIA.

Magnificent ornamental foliaged plants, with immense richly veined leaves, the stems covered with crimson hairs. Of rapid growth and splendid habit, it forms one of finest objects amongst ornamental foliaged plants.

**Caracasana.** Blue flower, 7 ft. . . . . 10
**Vigieri.** Supberb, glaucous foliage, 8 ft. . . . . 10
**Imperialis.** A superb, new variety, with much larger and firmer leaves . . . . . 10

## XERANTHEMUM.

Exceedingly free blooming everlastings. The flowers, when gathered young, are useful for winter bouquets; they are among the most easily cultivated of annuals, requiring only to be sown about May, in the open border, and thinned out for flowering. Hardy annuals.

**Double. Mixed colors, 2 ft.** . . . . . Pkt. 5

## ZINNIA ELEGANS.

This is one of the most brilliant of annuals, and has long been a general favorite. The flowers are large, finely formed, and in great variety of color. Seed sown early under glass will commence flowering in June, and continue the whole season. They require little attention, and any common garden loam. Half-hardy annuals.

### Double Dwarf Large-flowering.

**Double White** . . . . Pkt. 5
**Double Scarlet** . . . . . 5
**Double Orange** . . . . Pkt. 5
**Double Canary** . . . . . 5
**Jacqueminot.** Rich deep velvety crimson. . . . . 10
**Dwarf Double Mixed.** Per oz., 75 cts . . . . . 5
**Tall Double Mixed.** Per oz., 40 cts . . . . . 5
**Pompone Double.** Long cone-shaped flowers, very pretty. Mixed colors . . . . . 10
**Mammoth Flowering.** (Robusta Grandiflora.) Flowers large, perfectly formed, very double and striking colors. . . . . 10
**Haageana fl. pl.** Beautiful flowers of a deep orange yellow, keeping their colors when dried . . . . . 10
**Zebra.** The flowers are perfect in shape and all colors; with a large per cent. striped, spotted and blotched with different shades, hardly two plants producing flowers alike. Mixed colors . . . . . 10
**Curled and Crested.** A new and beautiful strain of this popular plant. Flowers large, double and perfect form, petals twisted and curled into the most graceful forms. The colors comprise all the beautiful shades characteristic to Zinnias . . . . . 10
**Collection** of ten tall double varieties. . . . . 50
**Collection** of six new dwarf double varieties. . . . . 50

## ZEA.

Ornamental foliage plants of great beauty.

**Japonica.** (Variegated Japanese Maize.) Large tufty foliage, broadly ribboned in its length with alternate stripes of white and green; 4 ft. Per oz., 20 cts. . . . 5
**Gracillima.** Miniature maize, very graceful habit. Per oz., 20 cts. . . . . 5

### Elliott's Finest Mixtures of Grass Seeds for Hay and Permanent Pasture.

The importance to the farmer of a good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasture, etc., cannot be overestimated. We prepare special mixtures containing only the most suitable grasses for permanent pastures and meadow lands, such as Orchard Grass, Meadow Foxtail, Sheep's Fescue, R. I. Bent Meadow Fescue, English Rye Grass, Perennial Sweet Vernal and Red-Top in such proportions as will insure the most satisfactory results, producing the heaviest possible crops of hay, far superior to seeding with Timothy and Clover alone; producing far heavier crops; for *permanent* pastures allowing of the closest grazing without injury.

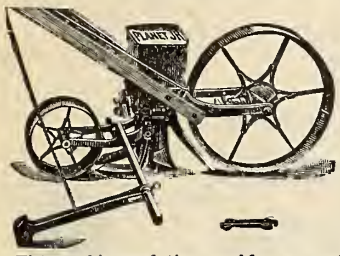
On ordinary fertile soil sow three bushels per acre, but where the soil is poor, larger quantities are required.

**Price, per bushel, $2.50.**

With the above should be sown 10 lbs. of mixed clovers per acre (which cost about 15 cts. per lb). On account of the greater weight of clovers they should be sown separately and only in the spring as they are inclined to winter kill unless well established.

# "Planet Jr." Garden Tools for 1899.

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desires it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines; the best on the market. *You can rely on getting bottom prices from us on any of these goods.*

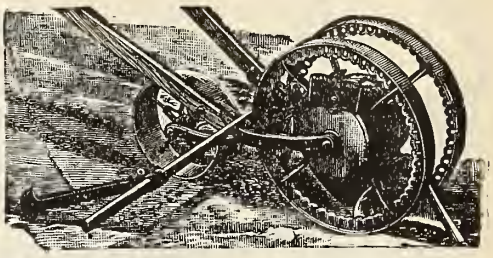



## The "PLANET JR." No. 3 Hill Dropping Seeder.

**Sows Either in Hills or in Continuous Row.**

This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either 4, 6, 8, 12 or 24 inches apart. The wheel is 15 inches high, with a broad face. It is changed in a moment from hill dropping to drill work. It has a rubber force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seeds, such as radish, cabbage, etc., which are so often peeled or crushed by drills having agitators or metal feed wheels. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation. **Price, $9.00.**

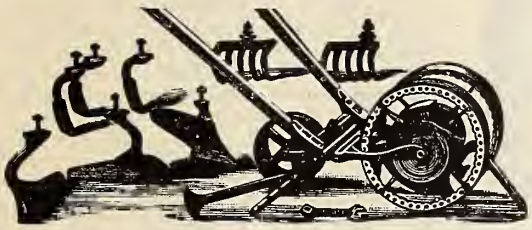
## The "PLANET JR." No. 2 Seed Drill.



This tool is used the world over, and with the exception of the "Planet Jr." Hill Dropping Drills is the most perfect drill known. It holds two and one-half quarts. The drill sows in an even, regular stream, whether there is much or little in the hopper. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable, and once set, opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple; no agitators, belts or gearing. It received the highest award at the World's Fair at Chicago. **Price, $6.50.**

## The "PLANET JR." No. 1 Combination Drill and Wheel Hoe.

This has long been the most popular combined tool made, and its friends have been gained by substantial merit. It won the highest and only award at the Chicago Exposition. As a seed-sower it is identical with the No. 2 "Planet Jr." Drill, except in size, and has all its merits, its strength, durability, ease of operation and perfection of work. It has a complete set of cultivating tools, and all its work is rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. The door when opened, forms a convenient spout for filling with seed. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly attached. Every purchaser of this machine will find it an excellent seed sower; a first-class double wheel hoe, and when plants are small, a good single wheel hoe; an excellent furrower; an admirable wheel cultivator; a capital garden rake, and a rapid and efficient wheel garden plow. **Price, $9.00.**



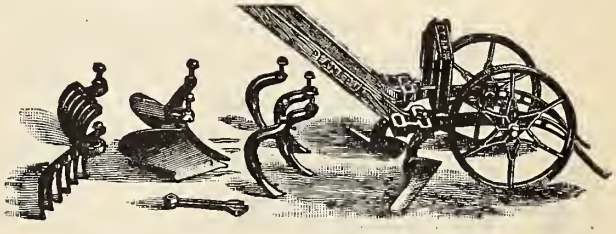
## The "PLANET JR." No. 10 Double Wheel Hoe.

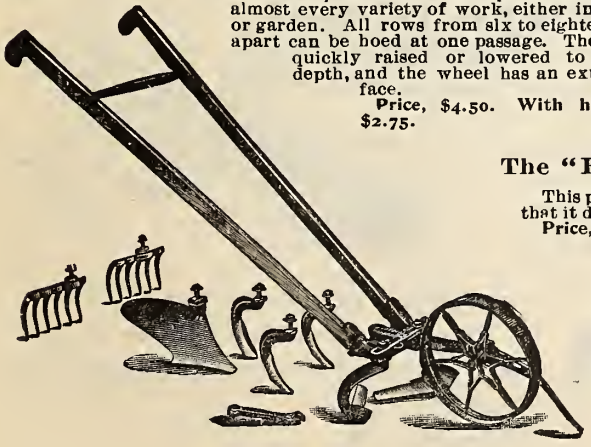
Thousands of farmers and gardeners who own this tool save its cost many times every year, for in an onion field and in other crops one can do more and better work with it than six men with ordinary hoes. The "Planet Jr." No. 10 Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. One hoe sets slightly ahead of the other, to prevent dragging out young plants. The new frame permits the changing of attachments *without removing the nuts.* All the tools shown in the cut go with the machine for the price; and all the blades are steel, hardened in oil and polished. The wheels are adjustable to make the work shallow or deep, as required, and to adapt the machine to all width rows. **Price, $6.00.** To accommodate those who have little work but hoeing, we offer the above machine, with hoes only, under the name of "**Planet Jr.**" **Plain Double Wheel Hoe, at $3.50.**

## The "PLANET JR." Single Wheel Hoe.

This Wheel Hoe is light and strong and does almost the same variety of work as the double Wheel Hoe, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. The rakes and cultivator teeth and the hoes and plow enable the operator to perform almost every variety of work, either in the field or garden. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate depth, and the wheel has an extra broad face.

**Price, $4.50. With hoes only, $2.75.**



## The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow.

This popular tool is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter.

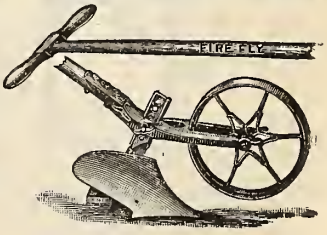
**Price, $3.75.**

## The "Fire-Fly" Plow.

This tool is invaluable for those who have small gardens. The mole-board is tempered and polished steel. The depth may be changed very quickly. The low price brings it within the reach of all.

Very useful to plow up the chicken yards.

**Price, $2.00.**



# HORTICULTURAL TOOLS AND REQUISITES.

| | Price. |
|---|---|
| Asparagus Knife (English.) | $1.50 |
| Asparagus Buncher (Watts.) | 3.00 |
| Axe, handled, light, $1.00; heavy | 1.25 |

## BASKETS.

### Rustic Hanging.

10 in. diameter, $1.25 each.

12 in. diameter, $1.50 each.

## BELLOWS, WOODASON'S IMPROVED.

This bellows is the best ever invented for distributing poison powders for the destruction of insects in the conservatory, garden, orchard and field. It can be held in any direction without wasting powder.

| | |
|---|---|
| Double Cone Bellows | $3.00 |
| The Large Single Cone, with spreader | 2.00 |
| Single Cone Bellows, for house use | 1.00 |
| Liquid Atomizer Bellows, large | 2.00 |
| " " " small | 1.25 |
| Sulphur Bellows. (New) | 1.75 |
| Bill hook, light, $1.25; heavy | 1.50 |
| Brush hook, handled | 1.15 |

## CANE PLANT STAKES.

From 5 to 8 feet in length, tapering in size easily cut to desired length. Doz., 20 cts.; 100, $1.25; 1000, $9.00.

| | |
|---|---|
| Cocoanut Fibre Refuse. Per peck, 35 cts.; bush. | $1.00 |
| Crowbars, steel, from 12 to 20 lbs., per lb. | .08 |
| Dibbers, small, 40 cts.; large | .50 |

| | |
|---|---|
| Daisy or Dock Lifter | 1.25 |
| Floral Tools, long handled, useful, set of 4 | 1.50 |
| Forks, digging, 4 tine, 75 cts.; 5 tine | .90 |
| Forks, manure, 4 tine, 75 cts.; 5 tine | .85 |
| Forks, manure, extra heavy, 4 tine, $1.25; 5 tine | $1.50 |
| " hay, 2 tine, 35 cts.; 3 tine | .45 |
| " hickory, stable, 3 tine | .75 |

| | |
|---|---|
| Fork, hand weeding, American, 15 cts.; English, 75 cts. and | 1.00 |
| Fruit Picker, wire, without pole | .75 |

## FUMIGATOR, THE EUREKA.

| | |
|---|---|
| No. 1.—Height, 12 inches; diameter at top, 5 inches; suitable for small greenhouse | $1.50 |
| No. 2.—Height, 16 inches; diameter at top, 7 inches; suitable for medium sized greenhouse. Holds one peck of stems | 2.00 |
| No. 3.—Height, 20 inches; diameter at top, 9 inches; suitable for a large greenhouse. Holds one-half bushel of stems | 2.50 |
| No. 4.—Height, 24 inches; diameter at top, 12 inches; for a house 20x100 feet. Holds three-quarter bushel of stems | $3.50 |

## FUMIGATOR, PERFECTION.

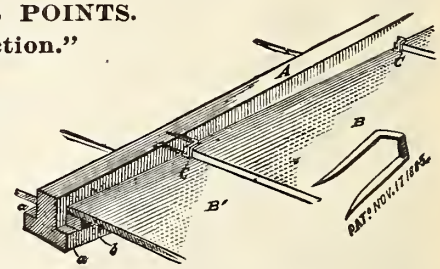
The newest and most durable fumigator on the market. It has practically three bodies, the two inside forming a water tank, preventing the outside body from burning out; the inside tank should be be filled with tobacco water which produces a vapor and mixed with the dry smoke makes it more dense and less injurious than from any other fumigator.

| | |
|---|---|
| No. 1.—Holds one peck of stems | $3.00 |
| No. 2.—Holds one-half bu. of stems | 3.75 |
| No. 3.—Holds three-quarter bu. of stems. | 4.50 |
| Grafting Chisel | .65 |
| Gardener's Gloves, per pair | $1.00 |
| Garden Line, linen, braided, 75 feet | .50 |
| Garden Pencils, Wolff's, Indelible Black | .10 |
| Glass Cutter and Glazing Tool, each, 10 cts.; per doz. | 1.00 |
| Glass Cutter, Ebony Handle. (Genuine Diamond) | 3.00 |

## GLAZIER'S POINTS.

### "Perfection."

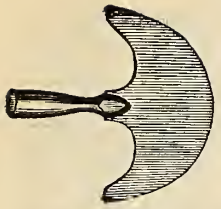
| | |
|---|---|
| Per 1,000 | $0.60 |
| By Mail | .75 |
| Pincers for driving | .50 |




## FRANCES CORRUGATED.

Made from brass, never rust; no rights or lefts; no sliding of glass; no special tools requires to apply.

Prices, per 1,000 . . . . . $0.60



Grass Edging Knives (English), 8 in., $1.50; 9 in. . . . . $1.65
" " " 10 in. . . . . 1.80
handles extra . . . . . .15
Grass Hooks (English), small . . . . . .50
" " medium . . . . . .60
" " large . . . . . .70
Grafting Wax, ¼ lb., 10 cts.; ½ lb., 20 cts.; 1 lb., 30 cts.; Postage, per lb. extra . . . . . .16
Hatchet, broad pruning . . . . . .80
Hoe, draw or field, 5 in., 6 in., 7 in., 8 in. . . . . .35
" scuffle or push (English), 5 in., 50 cts.; 6 in. . . . . .55
" " " 7 in., 60 cts.; 8 in. . . . . .65
" " " 9 in., 70 cts.; 10 in. . . . . .75
" " " 12 in. . . . . .85
" handles (extra) . . . . . .15
" Warren, medium, 55 cts.; large . . . . . .60
" Prong or Potato Hook, flat tines . . . . . .50

Hose, Rubber Armored, ¾ inch, 3-ply . . . 18 cts. per foot.
" Standard, " " . . . 10 " "
" Ridgewood " " . . . 15 " "
" Maltese Cross " " . . . 20 " "
In 25 and 50 feet lengths.

**Hose Menders.** (Hall's Patent) ¾-inch, doz., 50 cts.; 1 inch, doz. . . . . $0.75

**Hose Nozzles.** "The Boss." Changing from stream to spray . . . . . .90
" Boston . . . . . .75
" "Rain Maker." . . . . . .75

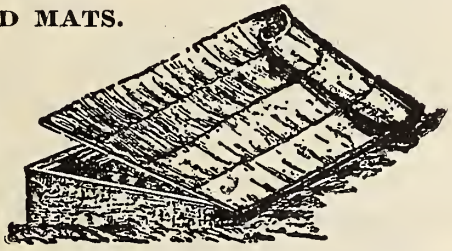
## HOT-BED MATS.

**Rye Straw.**

3x6 feet each, $1.25
Doz., 14.00
6x6 feet each, 2.00
Doz., 22.00

**Burlap.**

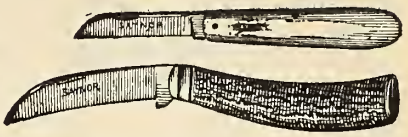
76x76 in., each, $1.00
doz. 10.00

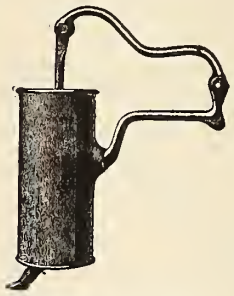


## LABELS, WOODEN.

| | Plain. Per 100. | Plain. Per 1,000. | Painted. Per 100. | Painted. Per 1,000. |
|---|---|---|---|---|
| 3½ inch | $ .10 | $ .40 | $ .10 | $ .65 |
| 4 " | .10 | .50 | .15 | .75 |
| 4½ " | .10 | .60 | .15 | .85 |
| 5 " | .15 | .75 | .20 | 1.00 |
| 6 " | .15 | .90 | .20 | 1.25 |
| 6 x 1 inch. | .35 | 2.50 | | |
| 7 x 1 " | .40 | 3.00 | | |
| 8 x 1 " | .50 | 3.50 | | |
| 12 x 1¼ " | .50 | 4.50 | .60 | 5.00 |
| Tree labels, notched | .10 | .50 | | |
| " pierced | .10 | .55 | | |
| " iron wired. | .20 | 1.25 | | |
| " copper wired. | .30 | 1.75 | .35 | 2.25 |

Knives, Budding and Pruning (English), $1.25 to $2.00





MASTICA MACHINE.

## MASTICA.

**FOR GLAZING GREENHOUSES, NEW OR OLD. ELASTIC, ADHESIVE, EASY TO APPLY.**

Every florist has experienced difficulty in getting putty that is satisfactory for any length of time. The fact is, putty is not adapted to stand the severe and varied tests to which it is subjected on a greenhouse. Mastica, being elastic, is not effected by the expansion and contraction and retains this property for years.

1 Gallon. . . . . $1.25
Mastica Glazing Machines, $1.25 each.

## MOLE TRAP, THE IMPROVED ISBELL.

It is acknowledged by all who have given it a trial as the best Trap ever invented for catching and destroying the underground mole. When properly set, it never allows the mole to escape, and no skill is required in setting it.

The "Improved" Isbell Mole Trap is made of the best annealed iron, so that it will wear for years and never shatter, as other mole traps do, they being made of common cheap cast-iron.

We have not the space, neither is it necessary, to print the hundreds of testimonials which we have received from all parts regarding this trap.

Price . . . . . $2.00 each.

**DIRECTIONS FOR SETTING.**

Brush the dirt off the top of the mole track, then stick the two main prongs into the ground astride of it, so that the wooden pin will be about 1½ inches from the bottom of the run. Then brush the dirt back again in its original position, as near as possible, pull up the handle at the top and adjust the catch.

Mose Sphagnum, per bbl . . . . . $1.50
Peat, Fibrous, per bbl . . . . . 2.00
Pencil, Wolf's Indelible, for labels . . . . . .10
Pick, Railroad, handled . . . . . 1.00
" Mattock, handled . . . . . 1.25

## PLANT STAKES.

**ROUND GREEN TAPERING STAKES (LIGHT.)**

| | Per doz. | Per 100. | | Per doz. | Per 100. |
|---|---|---|---|---|---|
| 1½ feet | $ .20 | $1.00 | 3½ feet | $ .60 | $4.00 |
| 2 " | .30 | 2.00 | 4 " | .70 | 5.00 |
| 2½ " | .40 | 2.50 | 5 " | .80 | 6.00 |
| 3 " | .50 | 3.00 | | | |

**ROUND GREEN TAPERING STAKES (HEAVY.)**

| | Per doz. | Per 100. | | Per doz. | Per 100 |
|---|---|---|---|---|---|
| 3 feet | $ .70 | $5.00 | 5 feet | $1.10 | $8.00 |
| 4 " | .90 | 6.00 | 6 " | 1.30 | 10.00 |

## PLANT SPRINKLERS.

Straight Neck . . . . . each, $ .90
Angle Neck . . . . . " .90
If by mail, add 10 cents postage.

**Putty Bulbs.** Rubber for Glazing (postage 10c.) . . . . . $1.00

## PRUNER'S, WATERS' TREE.

| | | |
|---|---|---|
| 4 feet | each | $ .75 |
| 6 " | " | .85 |
| 8 " | " | 1.00 |
| 10 " | " | 1.15 |
| 12 " | " | 1.25 |
| Extra Blades | " | .20 |

**Pruners, Telegraph Tree**, without pole . . . . . $1.00
Post Hole Spoon . . . . . 1.25
Pruning Saw and Chisel . . . . . 1.00
Raffia for trying, per lb. 20 cts.; 5 lbs. . . . . .80
Rake, Garden, steel, 6 teeth, 30 cts.; 8 teeth . . . . . .35
" " " 10 " 40 cts.; 12 " . . . . . .45
" " " 14 " 50 cts.; 16 " . . . . . .55
" Short Tooth, steel, 10 teeth, 40 cts.; 12 teeth . . . .45
" " " " 14 " 50 cts.; 16 " . . . .55
" Hay, wooden, 3 bow, 12 teeth . . . . . .30
" Lawn, wooden, 3 bow, 22 teeth . . . . . .35
" " The Queen, steel . . . . . .50
Reels for Garden Lines, wrought . . . . . .75

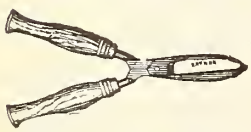
## ROLLERS, IRON GARDEN OR LAWN.

Made with Brown's Patent Weights, which can be put on or taken off as desired; without bolts or pins. When on the axle they keep the handle upright.

| | Face. | Diameter. | Weight. | Price. |
|---|---|---|---|---|
| 2 section. | 7½-inch. | 15 inch. | 125 lbs | $6.00 |
| 1 " | 12 " | 20 " | 140 lbs | 7.00 |
| 2 " | 12 " | 20 " | 300 lbs | 13.00 |
| 2 " | 12 " | 24 " | 400 lbs | 16.00 |
| 2 " | 12 " | 28 " | 500 lbs | 18.00 |

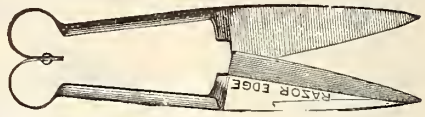
Saws, Pruning, double-edged, 16 in . . . . . .60
" " " 18 in., 70 cts.; 20 in . . . .80

Scissors, Flower Gathering (English), 6 in. . . . . $1.25
" " " " 7 in. . . . . 1.50
" Grape, Thinning (English), 6 in . . . . . 1.00
" " " " 7 in . . . . . 1.20
" Pruning, (English), $1.00 to . . . . . 1.75
" Propagating . . . . . 1.00
Scythe, Clipper, Hay, 30 to 40 in . . . . . each 1.00
" English Lawn, 30 to 40 in . . . . . " 1.50
" Snath or handle, patent . . . . . " .75
" Stones, Round Talacre, each 15 cts . . . . . doz. 1.50
" Rifles, triple-coated, each 15 cts. . . . . " 1.50



Shears, Hedge (English), (with notch, 25 cts. extra), 8 in . $1.75
" " " 9 in. $2.00; 10 in . . . . . 2.25
" " " patent double sliding, rivet plate, 8 in. $3.00; 9 in . . . . . 3.50
Edging or Border Shears, 8 in. $2.25; 9 in. $2.50; 10 in. . 2.75

Shears, Lopping (English), medium $2.50; large . . . . $3.00



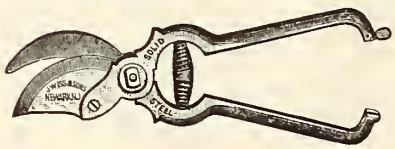

Shears, Sheep, American, bent or trowel shank . . . . . $ .75

## SHEARS, GERMAN PRUNING.

MALLEABLE IRON—STEEL BLADES.

7½ inches . . . . . $1.00 | 8 inches. . . . . $1.30
9 " . . . . . 1.60 | 9¼ " . . . . . 1.75
Various other patterns, from $1.00 to $4.50 each.

## SHEARS, WISS' HAND-PRUNING.




7¼ inches . . . . $1.50
7¾ " . . . . 1.65
8¼ " . . . . 1.80
9 " . . . . 2.00

Shovels, first quality, steel, 75 cts.; Ames's extra quality, $1.25
" " " round point. . . . . .75
" Scoop, medium, $1.25; large . . . . . 1.50
" Potato, steel wire, dirt sifts out . . . . . 1.75
Smilax Twine, Green, per ball, 10 cts . . . . . per doz. 1.00
Spades, first quality, steel, 75 cts; extra quality, Ames's, 1 25
" celery banking. . . . . 1.25
" Post Hole, concave. . . . . 1.25

## SYRINGES, BRASS GARDEN.

No. H, 18 inch barrel, 1½ inch diameter, 1 spray rose only. . . . . $2.25
No. 12, 12 inch barrel, 1 inch diameter, 2 spray rose, 1 stream . . . . . 3.00
No. 11, 18 inch barrel, 1½ inch diameter, 2 spray rose, 1 stream . . . . . 4.00
No. 5, Best conical valve, 18 inch barrel, 1½ inch diameter, 2 sprays 1 stream . . . . . 6.00
No. 6, 18 inch barrel, 1½ inch diameter, 1 spray rose and angle joint neck turning in all directions, for washing under the leaves. . . . . 6.00
Zinc, 18 inch barrel, 1½ inch diameter, 1 spray rose, wooden plunger . . . . . 1.25

## TOMATO SUPPORTS.

**The Champion.** This support is made of corrugated iron or steel and forms a substantial support; is easily folded up and packed away in very small space, when not in use.

15 cts. each; $1.50 per doz.

## TREE TUBS.—CEDAR.

| | Diam. Top Outside. | Height Outside. | |
|---|---|---|---|
| No. 1 | 28 inches | 22 inches | $7 00 |
| " 2 | 26 " | 20 " | 6 00 |
| " 3 | 24 " | 18½ " | 5 00 |
| " 4 | 22 " | 17 " | 4 00 |
| " 5 | 20 " | 16 " | 3 50 |
| " 6 | 18½ " | 15 " | 3 00 |
| " 7 | 16½ " | 14 " | 2 50 |
| " 8 | 15½ " | 12 " | 2 25 |

## THERMOMETERS.

**TESTED AND GUARANTEED.**

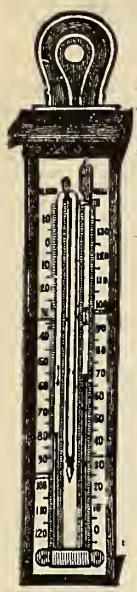


FIG. 1.

**Sixes Self Registering.** Registers both heat and cold; you can tell exactly how hot or cold it has been; it is easily reset by the aid of a horse shoe magnet which accompanies each.

**Sixes.** Japanned case (Fig. 1), 8 inch, $2.50; 10 inch. . . . . $3.00

—— White enamaled case, porcelian scale (Fig. 1), 8 inch, $3.25; 10 inch . . . . . 3.75

**Greenhouse Distance.** An unusually plain, readable scale, ranging from 20 to 100 degrees; colored spirits (Fig. 2). . . . . 1.00

**Parlor.** Boxwood case; metal scale (Fig. 2), 12 inch. . . . . .50

**Window.** Glass back, nickel plated supporters, allowing free circulation of air, 9⅛ inch . . . . . 1.00

FIG. 2.

**Ordinary Japanned Tin Case** (not guaranteed), 8 inch, 20 cts.; 10 inch. . . . . $0.25

**Minimum Registering** showing lowest temperature reached during the night, each . . . . . $1.00

**Hot-Bed and Mushroom-Bed.** Brass mounted and tipped, made especially for plunging . . . . . $2.00

**Tree Scrapers** . . . . . $0 50
**Trowels** (English), 5 in., 45 cts.; 6 in., 55 cts.; 7 in . . . 65
" (American forged steel), 5 in., 40 cts.; 6 in., 45 cts., 7 in., 50 cts., 8 in . . . . . 60
" Ordinary stamped, each . . . . . 10

## WATERING POTS.—GALVANIZED.

**PHILADEPHIA PATTERN, WITH TWO ROSES.**

Substantial and recommended for constant use.

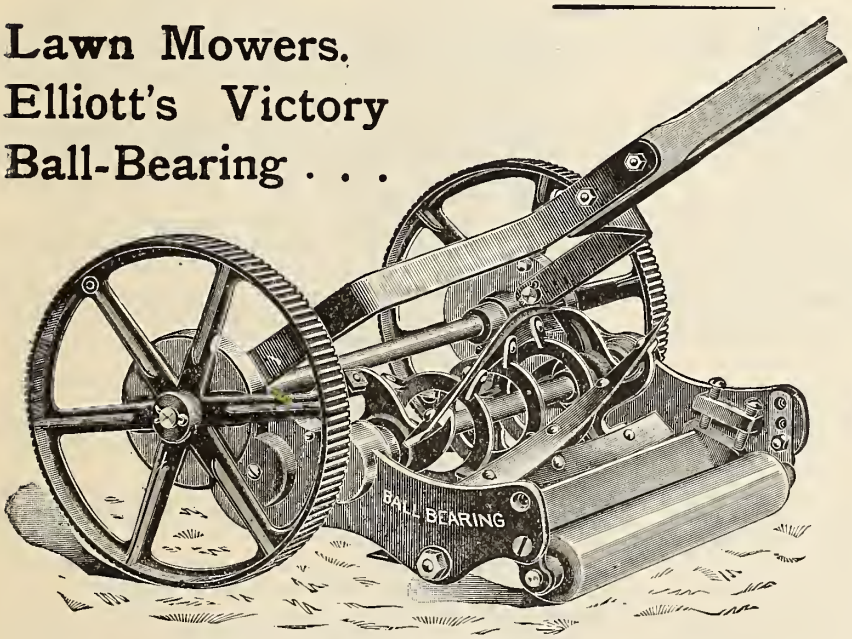
| | Round. | Oval |
|---|---|---|
| 6 quarts | $1 75 | $2 00 |
| 8 " | 2 00 | 2 25 |
| 10 " | 2 25 | 2 50 |
| 12 " | 2 50 | 2 75 |

Special low pattern for watering near the glass, 4 quarts, each, $1.50.

## WEEDERS.

Combination Hand . . 30 cts. Noyes' Hand . . . . 25 cts.
Hazeltine's " . . 25 cts. Excelsior Hand . . . 15 cts.
Lang's Hand, 25 cts.

# Lawn Mowers. Elliott's Victory Ball-Bearing . . .




ELLIOTT'S VICTORY BALL-BEARING.

**THE MOST PERFECTLY . . . . . CONSTRUCTED AND EASIEST . . . RUNNING MACHINE MADE.**

This mower is fitted with **Ball Bearings**, which reduce the friction astonishingly—even more in a mower than in a bicycle—rendering it easier to operate a 24-inch of this machine than a 16 inch fitted with the old parallel bearings. The gear is entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them. The frame cannot be twisted or jarred out of parallel, being bound tightly together by two steel bolts, which make the most rigid frame ever built, and permit of the mower being readily taken apart. The cutter bar is easily removed for sharpening without disturbing the frame. The slight wear of the cones, balls and cases is perfectly compensated for by two screws, while with the parallel bearing six to ten screws are required. The double ratchet is lightning like in action, consequently the knives cut the instant the mower is moved. The material of which these mowers are constructed is the very best, and only skilled labor and the most approved machinery are employed.

*Ball Bearings, Ten-inch Wheels, Triple Gear, Four-bladed Reel.*

**SPECIAL NET PRICES.**

| | | |
|---|---|---|
| 14 inch cut . . . . . $9.75 | 18 inch cut . . . . . $11.25 | 22 inch cut . . . . . $12.75 |
| 16 " " . . . . . 10.50 | 20 " " . . . . . 12.00 | 24 " " . . . . . 13.50 |

### THE PENNSYLVANIA.

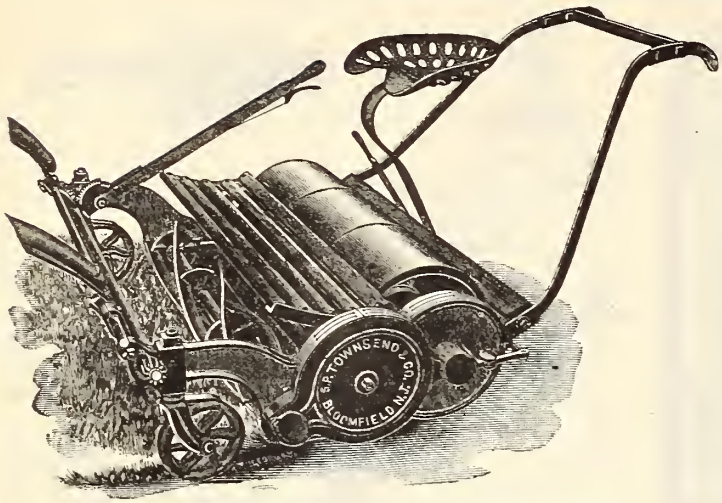
This mower we can highly recommend, and is too well known to require a lengthy description here. (Rear cut, train of gears, open cylinder. Height of wheel 8 inches. Special net prices:

14 inch . . . . . $7.50 | 16 inch . . . . . $8.50 | 18 inch . . . . . $9.50

### The Pennsylvania Special High Wheel for High Grass.

(Rear cut, train of gears, open cylinder, crucible steel knives. Height of wheels, 10½ inches.) Special net prices:

15 inch . . . . . $12.00 | 19 inch . . . . . $14.00
17 inch . . . . . 13.00 | 21 inch . . . . . 15.00




THE TOWNSEND HORSE LAWN MOWER.

# Horse Lawn Mower . .

## THE TOWNSEND.

We consider this the most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) ensure great power and ease of movement. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

*All machines are fitted complete with Tool Box, Seat, Handles, Shafts and Side-bar Attachment which keeps the horse on the cut grass.*

**SPECIAL NET PRICES.**

30 inch, complete.....$60.00 | 36 inch complete.... $65.00
38 inch, complete .....$70.00

**HORSE BOOTS.**

To prevent horse sinking into soft ground.
Per set of four..... $9.00

# INSECTICIDES AND FUNGICIDES.

**Bordeaux Mixture.** For all fungoid diseases, such as mildew and various rots of grapes, etc. Prepare by adding one gallon of mixture to 49 gallons of water. 1 gal. can, $1.25; 5 gal. can, $5 00.

**Copperdine.** A remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc, 1 gal. jug, $1.50.

**Fir Tree Oil.** One of the most reliable for red spiders, green fly, mealy bug, caterpillars, slugs, blight, etc. Dilute with water and apply with ordinary syringe or bellows, or by dipping the plants. Per pt., 75 cts.; qt., $1.40; half gal., $2.50; gal., $4.25.

**Fir Tree Oil Soap.** Useful on greenhouse and garden plants, killing red spider, mealy bug, aphis, etc. In the vegetable garden for potato bugs, cabbage worm, etc.; on trees, for caterpillars, etc. Does not injure fruit or foliage, and there is not the slightest danger of poisoning from fruit or vegetable where it is used. Per ½ lb. tin, 25 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75; 10 lbs., $3.25; 20 lbs., $6.00.

**Fostite.** A powder easily applied with a powder gun or bellows. An excellent preventive for all fungoid diseases; mildew, black rot, rust, leaf blight, etc. Also effective as an insect destroyer. 5 lb. pkg., 50 cts.; 25 lb. box, $2.00.

**Gishurst Compound.** An English preparation for green fly, scale, bark lice, mealy bug, red spider, etc. Dissolve in water and apply with syringe. Per lb. box, 50 cts.; 3 lb. box, $1.00.

**Grape Dust.** A preparation to kill the destructive mildew that strikes the grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. 5 lb. pkt., 35 cts.; kegs of 100 lbs., $5.00.

**Hellebore.** Powdered White Hellebore for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Per. lb., 25 cts.

**Lemon Oil.** A comparatively new insecticide, making a sweet-smelling, milk white, soapy wash that may be trusted in the hands of the most careless operator, being perfectly safe and perfectly harmless to the tenderest foliage and roots. Destroys mealy bug scale, thrip, red spider, black and green fly, caterpillar, etc. Directions on each can. ¼ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; ½ gal., $1.25; gal., $2.00.

**Nikoteen.** Is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent of nicotine; this preparation contains 40 per cent. of nicotine, and one case of ten bottles is equivalent to two thousand pounds of stems, or twenty-five gallons of tobacco extract. Bottle, $1.50. Vaporizing pans, $1.50 each; three for $4.00.

**Paris Green.** (New Process.) Lighter, giving more bulk per pound; also far more soluble than ordinary grades. 1 lb., 35 cts.; ½ lb., 20 cts.; ¼ lb., 15 cts.

**Persian Powder.** Very effective for killing almost all insects by filling up the breathing pores and suffocating them. Procuring fresh, unadulterated stock of this powder is necessary. Per lb., 40 cts.

**Slug Shot.** Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals paris green where used liberally, without the danger from poison. Prices: 5 lb. pkt., 25 cts.; 10 lb., 45 cts.; per bbl. of 235 lbs.; 4 cts. per lb.

**Sulphur, Flowers of.** A staple preventive for mildew on grapes, roses, etc. Lb., 10 cts.; 10 lbs,, 60 cts.; 25 lbs. and over, 5 cts. per lb.

**Tobacco Stems for Fumigating.** Clean and free from rubbish. In bales of 100 lbs., $1.50 each; 500 lbs., $6.00.

**Tobacco Dust.** If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off earth insects, and acts as a fertilizer. Per lb., 10 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 100 lbs., $3.00.

**Tobacco Soap** (Rose Brand). Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in a gallon of water. ½ lb. tins, 25 cts.

**Whale Oil Soap.** Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 15 cts.; 5 lbs., 60 cts.; 25 lbs. and over. 10 cts. per lb.

# AGRICULTURAL GRASSES AND CLOVERS.

(PRICES SUBJECT TO MARKET CHANGES.)

**For general grass-seeding for mowing lands, sow Clover, Timothy, Red-Top mixed together. For one acre 8 lbs. Clover, ½ bushel Timothy, 1 bushed Red-Top.**

**Rhode Island Bent** (Agrostis canina). A valuable grass. mostly used for lawns, for which it is one of the best, Sow three bushels to the acre. Per lb., 30 cts.; bush. (12 lbs.), $3.00.

**Red Top** (Agrostis vulgaris). Valuable for either pastures or lawns. Per lb., 15 cts.; bush. (14 lbs.), $1.25; bag (50 lbs.), $4.00.

**Red Top.** Extra cleaned heavy seed (35 lbs. per bush.). Per lb., 25 cts.; bush. (35 lbs ) $7.00.

**Creeping Bent** (Agrostis stolonifera). An excellent variety for lawns or pastures, succeeds well in deep soils. Per lb., 25 cts.; bush. (15 lbs.), $3.50.

**Kentucky Blue Grass** (Poa pratensis). Well known and extensively grown in all parts of the country, thrives well in a variety of soils, and endures the hottest summers. Per lb., 15 cts.; bush. (14 lbs.), $2.00.

**Orchard Grass** (Dactylis glomerata). A valuable pasture grass, relished by stock of all kinds; particularly adapted for growing in shady, moist places, under trees, etc. Per lb., 20 cts.; bush (14 lbs.), $2.50.

**Timothy or Herd Grass** (Phleum pratense). A variety well known and highly appreciated, producing a profitable hay crop in most any soil. Per lb., 10 cts.; bush. (45 lbs.), $2.25.

**Meadow Foxtail.** (Alopecurus pratensis). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock; 25 lbs. to the acre. Per lb., 35 cts.

**Sweet Vernal Grass. True Perennial** (Anthoxanthum odoratum). Valuable for mixing with pasture grasses on account of its vernal growth, and for the fragrant odor which the leaves emit when partially dry, thus sweetening hay; sow 10 lbs. to the acre when mixed with other sorts. Per lb., 75 cts.

**Tall Oat Grass** (Avena elatoir). Producing an early and luxuriant growth; this is a valuable variety for pastures. Per lb., 25 cts.; bush. (13 lbs.), $3.00.

**Crested Dogstail** (Cynosurus cristatus). An excellent grass for hard dry soils, valuable for pastures and lawns; 25 lbs. to the acre. Per lb., 40 cts.

**Hard Fescue** (Festuca duriuscula). One of the most desirable dwarf grasses; excellent for dry soils; 30 lbs. to the acre. Per lb., 20 cts.

**Meadow Fescue** (Festuca pratensis). A valuable grass for permanent pastures; very productive and nutritious. 40 lbs. to the acre. Per lb., 15 cts.

**Sheep's Fescue** (Festuca ovina). An excellent grass for sheep pastures; 30 lbs. to the acre. Per lb., 20 cts.

**Italian Rye Grass** (Lolium Italicum). A valuable European variety; adapted to any climate, and producing large and nutritive crops. Per bush. (18 lbs.), $1.75.

**Fowl Meadow Grass** (Poa serotina). Succeeds best in low, moist land. Per lb., 40 cts.; bushel of 10 lbs., $3.50.

**Rough Stalked Meadow Grass** (Poa trivialis). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils; 20 lbs. to the acre. Per lb., 35 cts.

**English Rye Grass** (Lolium perenne). A very nutritious rapid growing variety; valuable for meadows and pastures. Per bush. (24 lbs), $2.

**Wood Meadow Grass** (Poa memoralis). A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees; 30 lbs. to the acre. Per lb., 35 cts.

## CLOVERS.

**Afalfa** (Lucerne). Requires a deep, rich soil, and in such will produce several crops every season; one of the best green fodder plants; 10 to 15 lbs. to the acre. Per lb., 15 cts.

**Alsike Clover** (Trifolium hybridum). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. Per lb., 18 cts.

**Large Red, or Pea Pine Clover** (Trifolium pratense). The English Cow Grass; a variety for ploughing under. Price, subject to change, lb. 15c; bu. (60 lb.) $8.00.

**Medium Red Clover** (Trifolium pratense). Is a perennial, but of very few years duration; is considered the most nutritious of all species and most valuable in moist locations. Price, subject to change, lb. 12c; bu. (60 lb.) $6.50.

**White Clover** (Trifolium repens). Valuable for lawns and pastures. Per lb., 25 cts.; 100 lbs., $22.00.

**Yellow Trefoil** (Medicago leucantha). May be cultivated either alone or with other grasses. Requires about the same treatment and soil as Red Clover, although thriving in dry and inferior soils. It sprouts very early in spring; is of excellent quality, and is considered a fine pasture for sheep; 15 lbs. to the acre. Per lb., 20 cts.

**Bokhara Clover** (Melilotus leucantha). Valuable for soiling; affords an excellent food for bees throughout its season. Per lb., 35 cts.

**Japan Clover** (Lespedeza striata). A low perennial grass of spreading habits. It flourishes on the poorest soils, and is valuable only in the South, as it is not hardy north of Virginia. Per lb., 50 cts.

**Crimson Clover** (Trifolium incarnatum). Sown at the last of summer or early autumn, it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. Per lb., 10 cts.; bush. (60 lbs.) $5.00.

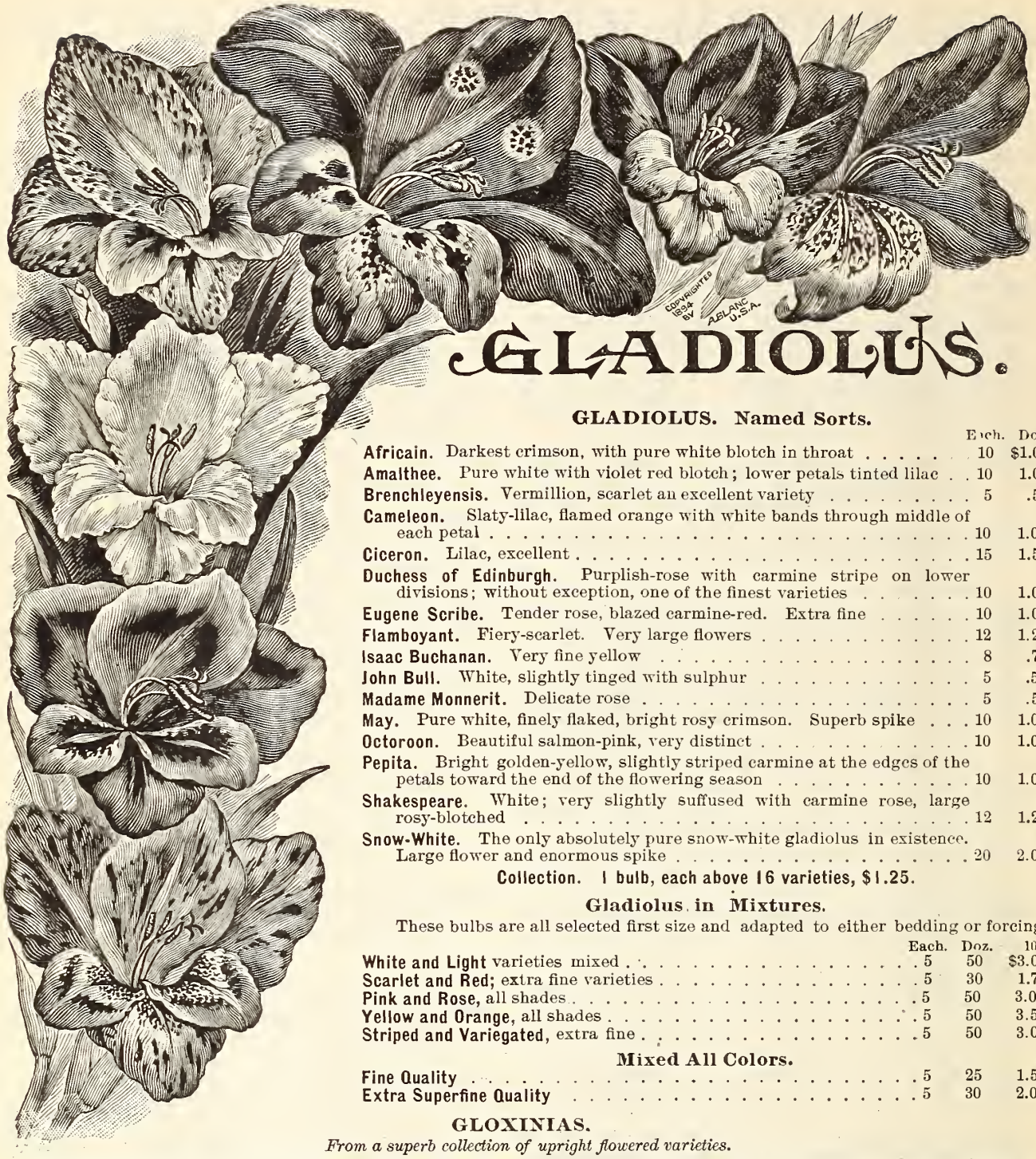
## MILLETS.

**German, or Golden Millet.** Medium early; height 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round golden yellow in rough, bristly sheaths. Per bush. (50 lbs.), $1.50.

**Hungarian Millet** (Panicum Germanicum). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first of July, and produces a large green crop; 1½ bushels to the acre. Per bush. (48 lbs.), $1.40.

**Pearl Millet** (Penicillari spicata). A valuable fodder plant for the South. Sow in drills 18 inches apart and 8 or 10 pounds to the acre. Per lb., 30 cts.

**Lawn Grass Mixtures, see Second Page Cover.**




# GLADIOLUS.

## GLADIOLUS. Named Sorts.

| | Each. | Doz. |
|---|---|---|
| **Africain.** Darkest crimson, with pure white blotch in throat | 10 | $1.00 |
| **Amalthee.** Pure white with violet red blotch; lower petals tinted lilac | 10 | 1.00 |
| **Brenchleyensis.** Vermillion, scarlet an excellent variety | 5 | .50 |
| **Cameleon.** Slaty-lilac, flamed orange with white bands through middle of each petal | 10 | 1.00 |
| **Ciceron.** Lilac, excellent | 15 | 1.50 |
| **Duchess of Edinburgh.** Purplish-rose with carmine stripe on lower divisions; without exception, one of the finest varieties | 10 | 1.00 |
| **Eugene Scribe.** Tender rose, blazed carmine-red. Extra fine | 10 | 1.00 |
| **Flamboyant.** Fiery-scarlet. Very large flowers | 12 | 1.25 |
| **Isaac Buchanan.** Very fine yellow | 8 | .75 |
| **John Bull.** White, slightly tinged with sulphur | 5 | .50 |
| **Madame Monnerit.** Delicate rose | 5 | .50 |
| **May.** Pure white, finely flaked, bright rosy crimson. Superb spike | 10 | 1.00 |
| **Octoroon.** Beautiful salmon-pink, very distinct | 10 | 1.00 |
| **Pepita.** Bright golden-yellow, slightly striped carmine at the edges of the petals toward the end of the flowering season | 10 | 1.00 |
| **Shakespeare.** White; very slightly suffused with carmine rose, large rosy-blotched | 12 | 1.25 |
| **Snow-White.** The only absolutely pure snow-white gladiolus in existence. Large flower and enormous spike | 20 | 2.00 |

**Collection. 1 bulb, each above 16 varieties, $1.25.**

## Gladiolus in Mixtures.

These bulbs are all selected first size and adapted to either bedding or forcing.

| | Each. | Doz. | 100. |
|---|---|---|---|
| **White and Light** varieties mixed | 5 | 50 | $3.00 |
| **Scarlet and Red;** extra fine varieties | 5 | 30 | 1.75 |
| **Pink and Rose,** all shades | 5 | 50 | 3.00 |
| **Yellow and Orange,** all shades | 5 | 50 | 3.50 |
| **Striped and Variegated,** extra fine | 5 | 50 | 3.00 |

## Mixed All Colors.

| | | | |
|---|---|---|---|
| **Fine Quality** | 5 | 25 | 1.50 |
| **Extra Superfine Quality** | 5 | 30 | 2.00 |

## GLOXINIAS.

*From a superb collection of upright flowered varieties.*

This Gorgeous Exotic is as easily grown and cared for as many of the common flowers. They are the most magnificent table decorations we have in summer. Keep the bulbs in pots in the house, or on the veranda, in boxes or little frames outside. and you can cut the flowers all summer. Their green leaves are surmounted with a cluster of lovely trumpet-shaped flowers. The coloring is exquisite; the groundwork of many is pure white, with throats of blue, scarlet, rose, or crimson; or the tubes are of bright color with white throat. The bulbs should be started in a warm place—greenhouse, hotbed, or sunny window. They will bloom till late in summer, when they should be dried off, letting the leaves die; the pots can be kept over winter in a cellar free from frost. Price, splendid mixtures, strong bulbs, 15 cts. each; dozen, $1.50. **By mail, postpaid.**

## ELLIOTT'S SUPERB TUBEROUS ROOTED BEGONIAS.

OUR STRAIN OF BEGONIAS IS UNEXCELLED.

No class of plants of equal decorative value can be grown with less labor and attention than the Begonia. Plant about May 15th, and you will have a mass of beautiful foliage set off with unsurpassed sprays of immense flowers, measuring from 4 to 7 inches across. The shapely glistening leaves gracefully droop to the ground and form a dense oval pyramid, while this is crowned with an unbroken mass of flowers endless in color —from the warm rich scarlet, soft rose, golden yellow, pure white, etc.—making a most surprising sight to any one not familiar with them. The plants are covered with bloom the entire season. When the foliage dies down in September or October, they should be set away in a warm, dry place to remain until planting time the following Spring. Our strain of both double and single is superb, and must not be judged by ordinary bulbs. Those who plant our Begonia bulbs will be astonished at the great size and brilliancy of the flowers.

**Single White. Single Yellow. Single Scarlet.**
**Single Pink. Single Dark Crimson. Single Orange.**
Price of above, 10 cts. each; $1.00 per doz.; $7.50 per 100.

**Double Flowering.** A magnificent strain of the finest large flowering sorts; separate colors.

**Double White. Double Pink. Double Crimson.**
**Double Yellow.** Large bulbs. Each, 30 cts.; per doz., $3.00.

## LILIES.

**Lilium Auratum.** (The Golden-Rayed Lily of Japan.) This peerless variety is, beyond question, the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the centre of each petal runs a clear golden band. Flowers measure nearly a foot across, produced abundantly; deliciously fragrant, 2 to 5 feet. First size bulbs, 20 cts. each; $2.00 per doz.

**Elegans, or Thunbergianum.** Early flowering, ranging in height from fourteen inches to four feet; flowers cup-shaped, borne upright, and of a great variety of colors. They are very effective planted either in lines or clumps and include many showy sorts. Mixed bulbs, each, 15 cts.; 3 for 40 cts.; doz., $1.25.

**Tigrinum. (Single Tiger Lily.)** Very hardy. Each, 10 cts.; 3 for 25 cts.; doz., $1.00.

**Tigrinum Flore Pleno. (Double Tiger Lily.)** Each, 15 cts.; 3 for 40 cts.; doz., $1.50.

## SPECIOSUM SORTS.

As a whole, the most desirabe section of all Lilies for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing very little protection, and will grow and flower without any special treatment.

**Album.** This is a pure white and very fragrant variety with beautifully recurved petals. A very fine sort. Each, 20 cts.; doz., $2.00.

**Album Præcox.** A lovely, pure white Lily, with petals reflexed and slightly tinted pink at the tips; center of the flower is embellished with a fine long fringe. It is perfectly hardy, and altogehter one of the finest of the white varieties. Each, 25 cts.; doz., $2.50.

**Rubrum.** White ground, with band and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind. Each, 15 cts.; doz., $1.50.

**Roseum.** White ground with lighter spots of rose and red than the above. Each, 15 cts.; doz., $1.50.

### CALLAS.

**The Spotted Calla.** (Richardia Alba Maculata.) The leaves of this beautiful Calla are deep green, with numerous white spots, which give the plant a fine appearance. The flowers are pure white, with a black center. 15 cts. each; $1.50 per doz.

### CALADIUM ESCULENTUM.

This is one of the most beautiful and striking of the ornamental foliaged plants, either for culture in large pots or tubs, or for planting on the lawn, or masses in beds, or for margins of water. It will grow in any garden soil, and is of the easiest culture. Medium size, 15 cts. each; $1.50 per doz. Large, 20 cts. each; $2.00 per doz.; $12.00 per 100. Extra large, 25 cts. each.

### CINNAMON VINE.

A beautiful summer climber; glossy foliage and fragrant flowers. 5 cts. each; 50 cts. per doz.; free by mail.

**Madreia Vine.** A rapid-growing vine covering a large space in a short time. Fleshy heart-shaped leaves, feathery flowers with a delicious fragrance, 5 cts. each; 40 cts. per doz.

### TUBEROSES.

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place the bulb so the top will be covered about one inch with soil.

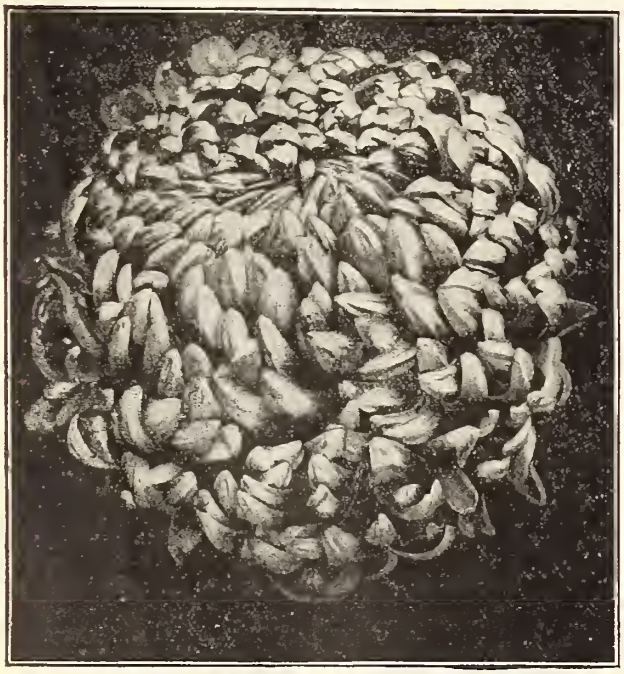
**Excelsior Pearl.** Extra fine large flowering bulbs. 5 cts. each; 30 cts. per doz.; $2.00 per 100.

**Tall Double.** Largest size. 5 cts. each; 40 per doz.; $2.00 per 100.

(Ten cents extra per dozen for Tuberoses when sent by mail.)

**We are the largest Importers in the United States of FALL BULBS. Our annual Bulb Catalogue is issued Sept. 1st, and contains a complete list of Flowering Bulbs and Roots. FREE. Send for it.**

# PLANT DEPARTMENT.



### CHRYSATHEMUMS.

**Daydawn.** Very large, early, informal and graceful. White with creamy lemon center, turning to white.

**Geo. W. Childs.** Velvety crimson, immense size.

**Ivory.** Pure white, globe-shape, good size, early; dwarf.

**Lillian B. Bird.** Bright salmon pink, long quilled petals.

**Marion Cleveland.** Immense size, pure white, shading to lemon-yellow at center.

**Miss E. Buettner.** Free bloomer and strong compact grower. Clear bright yellow, reflexed petals.

**Modesto.** Intense golden-yellow, incurved, slightly whorled and of immense size.

**Philadelphia.** Petals broad and incurved. White with primrose markings at the tips.

**Pink-Ivory.** Delicate shell pink, incurved.

**Pluto.** Globe-shape, reflexed petals, clear bright red, except in center, which are incurved with bright golden reverse.

**Trilby.** Long silky, pure white petals, twisted and overlapping in great profusion.

**William Simpson.** Delicate pink, very early.

10 cts. each; $1.00 per doz.

### CARNATIONS.

**Anna Webb.** Deep glowing maroon.

**Alaska.** Pure white, large flowers and an abundant bloomer.

**Bridesmaid.** Clear bright pink.

**Daybreak.** Delicate shell pink, a strong grower, but not a free bloomer.

**Grace Wilder.** An old favorite variety. Pink.

**Goldfinch.** Light yellow, slightly edged pink.

**Helen Keller.** Pure white, prettily and evenly penciled bright carmine.

**Lizzie McGowan.** Pure white, large and perfect.

**Portia.** Brilliant scarlet, free grower.

**Puritan.** Pure white, large, very fragrant.

**Tidal Wave.** Deep pink carmine.

**William Scott.** Bright pink, very prolific.

**Strong Plants;** 15 cts. each; $1.50 per doz.

### COLEUS.

**Golden Bedder.** One of the best yellow bedding varieties, bright pure yellow. Each, 10 cts.; per doz., $1; per 100, $6.

**Verschaffelti.** An old favorite; rich velvety crimson variety. One of the best and most popular bedding varieties. Each, 10 cts.; per doz., $1; per 100, $6.

**Fancy Varieties.** Our collection comprises a wide range of variety and very odd markings. Each, 10 cts.; per doz., $1. One plant each, 12 distinct varieties, $1.

## DAHLIAS.

### Cactus Varieties.

**Minerva.** Entirely distinct and beautiful in form. Color soft yellow, overlaid soft red pink, shading to bright reddish purple.

**True Model.** Perfect form, petals even, regular and symmetrical; color buff, suffused reddish bronze.

**Wm. Agnew.** The grandest red cactus variety.

**Mrs. Geo. Reed.** Pure white, edged and flaked soft rosy lake; petals numerous, overlapping, deeply cleft, giving a novel fringed appearance.

**Mrs. Peart.** Cream-white, shaded soft yellow at base of petals.

**Nymphæa.** New Water Lily Dahlia. Color clear, light shrimp pink, tinted lighter toward the center. A strong grower and profuse bloomer.

Price, 20 cts. each; $2.00 per doz.; set one each above 6 varieties, $1.00.

### Large Flowering Show Varieties.

**A. D. Livoni.** Light pink, medium size; a vigorous grower.

**Penelope.** Pure white, delicately flaked lavender.

**Glowing Coal.** Bright glowing crimson,

**Miss Dodd.** Large, deep yellow. Excellent.

**Mrs. Cannell.** Yellow, tipped red.

**Mrs. Langtry.** Cream, peach and purple.

Price, 15 cts. each; $1.50 per doz.; set one each above 6 varieties, 75 cts.

### Single Flowering Varieties.

**Duchess of Fife.** Amber, bordered orange-red.

**Enchantment.** Red and yellow.

**Harold.** Deep velvety maroon.

**Isaac Pitman.** Deep purple, very large.

**Nance.** A pleasing shade of mauve.

**Snow Queen.** Pure white.

Price 15 cts. each; $1.50 per doz.; set one each above, six varieties, 75 cts.

## GERANIUMS.

### Double Varieties.

**Bishop Wood.** Carmine-shaded violet, a magnificent truss, free bloomer.

**Bruant.** Bright vermilion-red, compact dense grower and a fine bedder.

**S. A. Nut.** Brilliant deep crimson-shaded maroon, a vigorous grower.

**La Favorite.** An excellent pure white bedding sort.

**White Swan.** A dwarf compact grower with pure white flowers; excellent bedding variety.

**Beaute Poitevine.** Very large flowering, bright salmon-pink shading to clear salmon centre. Trusses of immense size, a superb variety.

**Ruy Blas.** Immense trusses of large florets, bright salmon centre and rosy peach border.

**Bonnat.** Bright carmine pink, splendid form.

**Gloire de France.** Dark peach-pink at centre shading to white on the margins.

**Mad. Thiebaut.** Bright rosy pink, compact free-blooming.

Price 10 cts. each; $1.00 per doz. Large plants, 20 cts. each; $2.00 per doz.

### Single Varieties.

**California.** Brilliant orange-scarlet, free-blooming and robust grower.

**Gen. Grant.** A very popular bedding sort, a profuse bloomer; color vivid scarlet.

**M. Poirier.** Dwarf, compact large-flowering. Deep magenta shading to rosy-carmine at base of petals.

**Mrs. J. M. Gaar.** Pure snowy white, flowers large, trusses very full.

**White Perfection.** Compact symmetrical plant, profuse bloomer, pure white.

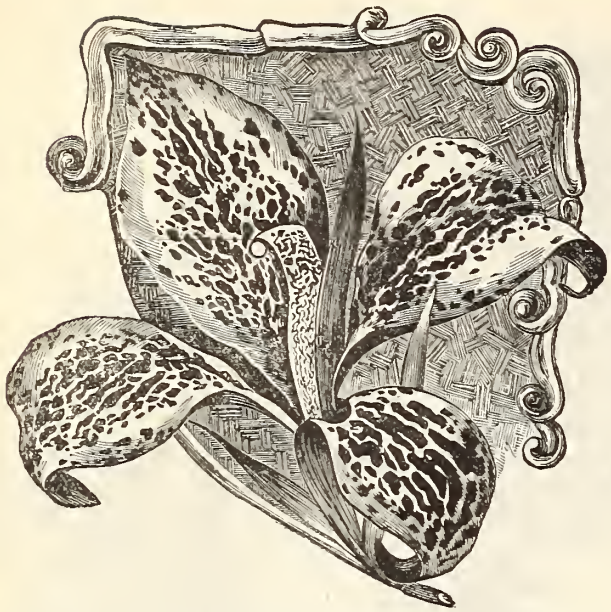
**Mme. Chas. Molin.** Bright salmon-pink shading to white, a vigorous grower.

**Mrs. E. G. Hill.** Rosy salmon-veined deep rose with white center, an excellent bedding sort.

**Granville.** Bright pink, free blooming, very desirable.

**Souvenir de Mirande.** Large creamy-white flowers, delicately banded rosy-pink, a very popular variety.

Price 10 cts. each; $1.00 per doz. Large plants, 20 cts. each; $2.00 per doz.



## LARGE FLOWERING DWARF, FRENCH CANNAS.

**Compte de Bouchard.** Golden-yellow flowers, spotted with brilliant red. Very large and profuse bloomer.

**Rose Unique.** Dainty and unique in color, the nearest approach to rose color yet produced.

**Egandale.** Bronze foliage and bright cherry-red flowers.

**Alphonse Bouvier.** Green foliage, bright crimson flowers borne in great profusion. An excellent bedding variety.

**J. D. Cabos.** Dark bronze foliage, flowers bright orange. An early and constant bloomer.

**Mad. Crozy.** One of the most satisfactory varieties. Flowers dazzling crimson-scarlet, bordered with yellow, foliage bright green.

**Queen Charlotte.** Enormous spikes and large flowers, blood red with broad band of canary yellow.

Dry roots, 10 cts. each; $1.00 per doz.; growing plants, 20 cts. each; $2.00 per doz.

## SEEDLING PETUNIAS.

In the whole range of what are known as "bedding plants" there is not one that can be said to excel in genuine usefulness the Petunia.

**Double Petunias.** 15 cts. each; $1.50 per doz.

**Single Petunias.** 10 cts. each; $1.00 per doz.

## HARDY ROSES.

**Anna de Diesbach.** Beautiful carmine, large, double.

**Baroness Rothschild.** Rich satiny pink.

**Boule de Neige.** ("Ball of Snow.") Pure white; very free in blooming.

**John Hopper.** A magnificent brilliant deep crimson.

**General Jacqueminot.** Color, rich crimson; of fine shape and exquisite fragrance. This grand old variety holds its own against all newcomers, and is undoubtedly the finest hardy Rose of its color.

**La France.** Large free flowering silvery rose shaded pink.

**Magna Charta.** Color, a deep pink; large and full; a grand Rose.

**Mme. Gabriel Luizet.** Very fine satiny rose color.

**Mme. Plantier.** A perfectly hardy, pure white double Rose.

**Paul Neyron.** A beautiful shade of deep rose, occasionally lightening to a satiny pink in the centre.

**Prince Camille de Rohan.** One of the grandest hardy red Roses and unapproached in color. It is best described as a blackish crimson.

**Ulrich Brunner.** The flower is large and cupped, bright cherry red, and very fragrant.

Price 50 cts. each, large 2-year old plants; 1-year plants, 30 cts. each.

MAGNA CHARTA.

## TWELVE MONTHLY EVERBLOOMING ROSES.

**Bridesmaid.** Color, a deep brilliant pink.

**Catherine Mermet.** The color is a delicate rosy pink, unapproached by any other. The buds are large, long and pointed.

**Madame Hoste.** This is a creamy white shade with a clear amber center.

**Niphetos.** The White Rose par excellence—large pointed buds.

**Papa Gontier.** Color a glowing carmine crimson.

**Perle des Jardins.** Its color is a rich shade of yellow; large size and perfect form. Tea fragrance.

**Souvenir de Wootton.** Color, a beautiful shade of crimson, deliciously fragrant; a constant and most prolific bloomer.

**Sunnet.** This exquisite orange yellow variety is one of the finest Tea Roses grown.

**The Bride.** "The Bride" is a pure white Rose of large size and most perfect form.

**Marie Lambert.** A pure white Rose, ever-blooming, of large size and delicious fragrance.

**Hermosa.** This grand pink bedding Rose is most prolific in blooming, and is almost entirely hardy.

**Agrippina.** Color, rich shade of crimson.

Price 50 cts. each, large 2-year old plants; 1-year plants, 30 cts. each.

### PANSIES.

Grown from selected seed and offered as unequaled *for size, form and color.* Pansies are now largely used for bedding purposes, vases, etc., and these grand varieties will greatly increase their popularity. Price, 7 cts.; 75 cts. per doz.; $5.00 per 100.

### SALVIAS.

**Splendens.** The well-known bedder, dazzling scarlet flowers, blooms in late summer and autumn; strong plants 10 cts. each; $1.00 per doz.

### VIOLET, MARIE LOUISE.

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flowers alone to supply the cut-flower markets of the country during the winter season.

Price, Large plants, 30 cts. each; young plants, 10 cts. each; $1.00 per doz.

### LEMON VERBENA.

A great favorite, of the easiest culture, and invaluable for its fragrant leaves, so pleasing when mingled in a bouquet with flowers. Strong plants, each, 15 cts.; per doz., $1.50.

### LANTANAS.

Vigorous growing plants of profuse bloom and rich, varied colors. When bedded out they flower continuously from spring until frost.

**A. Claveau,** Silvery-rose with yellow centre; dwarf.

**Aurora.** Varying shades of rosy-pink; sweet scented.

**Delicatissima.** Dwarf, soft, pale rosy-pink.

**Francine.** Dwarf; large, rosy-lilac flowers.

**Harkett's Perfection.** Flowers yellow and pink, with golden variegated foliage.

**Jacques Minot.** Yellow, changing to orange-scarlet.

**Rosea.** Identical with, or similar to, Delicatissima. Strong plants, each, 15 cts.; per doz,, $1.50.

### MAMMOTH VERBENAS.

No garden is complete unless it contains a bed of Verbenas, or a border planted with them. They flower incessantly throughout the season.

**B. of Oxford.** Deep pink.
**Climax.** Glowing scarlet,
**Coral.** Brilliant pink.
**Crystal.** Pure white.
**Garnet.** Deep crimson.
**Glow Worm.** Crimson scarlet.
**Invincible.** Rich purple.
**Iona.** Deep pink.
**Mattie.** Soft shell pink.
**Miss Arthur.** Intense scarlet.
**Mrs. Cleveland.** Pure white.
**Mrs. Wilson.** White and crimson.
**Negro.** Dark maroon.
**Onyx.** Rich crimson.
**Purple King.** Deep purple.

Price 10 cts. each; set of 15 for $1.25.

## HARDY VINES.

### AMPELOPSIS VEITCHII.

**Sometimes Called "Boston Ivy" and "Japan Ivy."**

No picture can portray the beauty of this grand climbing plant. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy, in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or woodwork with the greatest tenacity. It is a great protection to houses, as the leaves lapping over each other like slates on a roof effectually prevent rain from penetrating the walls. For covering dead trees gate posts, boundary walls, verandas, etc., it has no equal, In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of *scarlet, crimson* and *orange,* so dazzling as to be seen at a great distance.

Prices, 1st size, pot-grown, 50 cts. each; 2d size, pot-grown, 30 cts. each; $3.00 per doz.

### AKEBIA.

A beautiful Japanese vine, of rapid growth. The foliage is practically evergreen peculiar in form, deep and glossy; the flowers are a rich purplish color, borne in clusters, with a sweet aromatic perfume, and are succeeded by fruit that is decidedly ornamental. 25 cts. each; $2.50 per doz.

### CHINESE MATRIMONY VINE.

**(Lycium Chinense.)**

It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them. Price: Strong 2-year plants, 30 cts. each.

### CLEMATIS.

**Paniculata.** One of the most beautiful of all hardy flowering vines, of exceedingly rapid growth. Flowers pure white, hawthorn scented, and borne in great masses of panicles or clusters, so profuse as to fairly cover the plant with a sheet of fleecy white. Small plants, 15 cts. each; $1.50 per doz. Strong plants, 25 cts. each; $2.50 per doz. Extra strong plants, 50 cts. each; $5.00 per doz.

**Flammula.** The favorite old-fashioned "Virgin's Bower," of strong rapid growth. 20 cts. each; $2.00 per doz.

**Jackmanni.** The finest large flowering Clematis, and one of the choicest of all vines. The flowers are very large, and in such masses as to form a cloud of bloom of an intense velvety violet-purple, remarkably rich and deep in color. 50 cts. each; $5.00 per doz.

**Henryi.** A vigorous grower, producing its large pure white flowers in great abundance during the summer and early autumn. An excellent combination planted together with the Jackmanni. 50 cts. each; $5.00 per doz.

### HONEYSUCKLE.

**Hall's Japan.** Probably the most desirable of all Honeysuckles. Strong shrubby growth, dark rich foliage, almost completely evergreen in character, and covered from May until November with exceedingly fragrant flowers, pure white in color at first, then changing to yellow. Much resembles a Cape Jesamine in dellghtful odor. 25 cts. each; $2.50 per doz.

**Chinese Evergreen.** A favorite old-fashioned Honeysuckle, justly prized for its profusion of bloom and delicate perfume. A vigorous grower, with dense almost evergreen foliage. Each, 25 cts.; per doz., $2.50.

### TRUMPET FLOWER.

A handsome, showy vine with fern-like foliage and magnificent large, orange-scarlet flowers, borne in clusters. Particularly useful for covering dead trees and other unsightly objects. Adheres to bark or walls with tenacity, and is an exceedingly vigorous grower. Each, 25 cts.; per doz., $2.50.

# DECORATIVE PLANTS.

KENTIA BELMOREANA.

## LATANIA BORBONICA (Fan Palm).

This fine Palm is too well known to need any extended description; its strong constitution and other grand characteristics render it one of the most popular Palms grown. Price, 5 in. pots, $1.00 each; 6 in. pots, $1 50 each; 7 in. pots, $3.00 each.

## KENTIA BELMOREANA.

The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage gracefully disposed; it scarcely has an equal. (*See cut*). Price, strong plants, 2½ to 3 feet high, $3.00 each; 2 feet high, $2.00.

## KENTIA FORSTERIANA.

A stronger grower than Belmoreana; fine plants about 3 ft. high, $3.00 each. Smaller sizes, $1.00 and $2 00 each.

## ARECA LUTESCENS.

This majestic Palm is without a peer for strength and elegance combined. Its dark, glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm. Specimen plants, 3 in a pot, 2½ to 3 ft. high, $3.00 each; 3 in a pot, 2 to 2½ ft. high, $2.00 each; 3 in a pot, 1½ to 2 ft. high, $1.00 each. Single plants according to size, 50c to $1.50 each.

## ARAUCARIA EXCELSA.

Deep green, feathery foliage, arranged in whorls, rising one above the other at regular distances; its symmetry of form, grace and beauty of foliage are unequaled in the vegetable kingdom. (*See cut.*) Price, $1.50 and up, according to size.

ARAUCARIA EXCELSA.

## COCOS WEDDELIANA.

This beautiful Palm is unquestionably the most elegant and graceful in cultivation. The finely cut leaves are recurved with exquisite grace. It is admirably adapted for the centers of jardinieres and fern dishes, as it retains its freshness for a long time, while for dinner-table decoration, it is unexcelled. 10 to 12 ins. high, 75c. each. Smaller plants, 35c. each.

## DRACAENA INDIVISA.

Of all the plants in use for centers of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful drooping habit it sometimes is called the "Fountain Plant." Price, large plants, 50c. and $1.00 each, according to size. Smaller sizes, 25c. and 35c. each.

## RUBBER PLANTS.

We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price, fine plants, 2 feet high, $1.25 each; 15 to 18 inches high, 75c. each; 12 to 15 inches high, 60c. each.

## PANDANUS UTILIS.

Pandanus is perhaps the most useful of our ornamental foliage plants. As a vase plant or single specimen in greenhouse or conservatory it cannot be surpassed. Price, fine plants, from 3 in. pots, 30c. each; from 4 in. pots, 50c. each.

## PANDANUS VEITCHII.

A grand decorative plant with green and creamy white variegated foliage. Should have a place in every collection. Price $2.00 to $3.00 each.

## MUSA ENSETE.

Banana Plant, excellent for specimen plants grown in tubs, or effective when bedded out in groups or as center pieces for Canna beds. Leaves long, broad and massive; beautiful green color with broad crimson midrib. Price, 50c. up, according to size.

ARECA LUTESCENS.

## WISTARIA.

An exceedingly rapid grower, and one of the most beautiful climbers. The foliage is abundant and neat; flowers are borne in profusion during May and June in pendutous racemes often eighteen inches long. One year old plants, each, 25 cts.; per doz., $2.50. Two year old plants, each, 35 cts.; per doz., $3.50.

## VIRGINIA CREEPER.

**Ampelopsis Quinqueefolia.** The well known American Ivy, a rapid grower, thriving in almost any soil. Each, 25 cts.; der doz., $2.50.

# SMALL FRUITS.

We offer in the following list of Small Fruits only the best varieties; the prices will be found as low as any; the plants are all first class; we pack them in the best and lightest manner possible.

*☞We cannot accept orders for Small Fruit or Nursery Stock that amount to less than One Dollar.*

## STRAWBERRIES.

### Standard Varieties.

Postage, 20 cts. per 100 additional, if sent by mail; at dozen rates post free.

| | | |
|---|---|---|
| Anna Kennedy, | Gandy, | Lovett, |
| Brandywine, | Haverland, | Marshall, |
| Bubach 5, | Henry Ward Beecher, | Parker Earle, |
| Chas. Downing, | Jucunda Improved, | Sharpless. |

Per doz., 30 cts.; per 100, $1.

### New Varieties.

| | Per doz. | Per 100 |
|---|---|---|
| Carrie | $1.00 | $6.00 |
| Jersey Market | 40 | 1.75 |
| Clyde | 40 | 1.50 |
| Glen Mary | 50 | 1.75 |

## RASPBERRIES.

### Standard Varieties.

Postage, 15 cts. per doz.; 50 cts. per 100, if sent by mail.

| | | |
|---|---|---|
| Cuthbert, | Marlboro, | Sonhegan, |
| Gregg, | Miller, | Turner. |

Per doz., 50 cts.; per 100, $2.50.

### New Varieties.

| | Each. | Per doz. | Per 100 |
|---|---|---|---|
| All Summer | $0.10 | $1.00 | $6.00 |
| Columbian | 10 | 1.00 | 6.00 |
| Loudon | 10 | 1.00 | 6.00 |
| Loganberry | 20 | 2.00 | |
| Strawberry-Raspberry | 20 | 2.00 | |
| Mayberry | 15 | 1.50 | |
| Juneberry | 15 | 1.50 | |

## BLACKBERRIES.

### Standard Varieties.

Postage, 15 cts. per doz.; 50 cts. per 100; if sent by mail.

| | | |
|---|---|---|
| Early Harvest, | Lawton, | Taylor's Prolific, |
| Erie, | Maxwell, | Wilson's Early, |
| Kittatinny, | Snyder, | Wilson Junior. |

Per doz., 50c.; per 100, $2.50.

### New Varieties.

| | Each. | Per doz. | Per 100 |
|---|---|---|---|
| Eldorado | $0.10 | $1.00 | $6.00 |
| Rathbun | 30 | 3.00 | |
| Mersereau | 60 | 6.00 | |

## CURRANTS.

### Standard Varieties.

Postage, 15 cts. per doz.; 50 cts. per 100 (for one year old only) if sent by mail.

| | | |
|---|---|---|
| Fay's Prolific, | Versailles, | Red Dutch, |
| Cherry, | Lee's Prolific, | Victoria, |
| Black Naples, | Black Champion, | White Grape. |

| | Per doz. | Per 100 | | Per doz. | Per 100 |
|---|---|---|---|---|---|
| 1 year old | $0.75 | $3.00 | 2 year old, | $1.00 | $4.00 |

### New Varieties.

| | Each. | Per doz. | | Each. | Per doz. |
|---|---|---|---|---|---|
| Pomona, 1 year | $0.25 | $2.50 | 2 year | $0.30 | $3.00 |
| Black Victoria, 1 year, | 25 | 2.50 | 2 year | 30 | 3.00 |

## GRAPES.

### Standard Varieties.

Postage, 15 cts. per doz., 50 cts. per 100, for 1 year old; 25 cts. per doz., $1 per 100, for 2 year old, if to go by mail.

| | One year. | | Two year. | |
|---|---|---|---|---|
| | Each. | Doz. | Each. | Doz. |
| Agawam | $0.15 | $1.25 | $0.20 | $1.50 |
| Brighton | 15 | 1.25 | 20 | 1.50 |
| Concord | 15 | 1.25 | 20 | 1.50 |
| Delaware | 20 | 1.50 | 25 | 2.00 |
| Eaton | 25 | 2.00 | 30 | 2.50 |
| Early Ohio | 30 | 2.50 | 40 | 3.50 |
| Green Mountain | 30 | 2.50 | 40 | 3.50 |
| Lady | 20 | 1.50 | 25 | 2.00 |
| Martha | 20 | 1.50 | 25 | 2.00 |
| Moore's Diamond | 20 | 1.50 | 25 | 2.00 |
| Moore's Early | 15 | 1.25 | 20 | 1.50 |
| Niagara | 15 | 1.25 | 20 | 1.50 |
| Salem | 20 | 1.50 | 25 | 2.00 |
| Wilder | 20 | 1.50 | 25 | 2.00 |
| Woodruff | 25 | 2.00 | 30 | 2.50 |
| Worden | 15 | 1.25 | 20 | 1.50 |

### Foreign Grape Vines for Growing Under Glass.

| Black Varieties. | White and Yellow Varieties. |
|---|---|
| Black Hamburgh, | Buckland Sweetwater, |
| Barbarossa, | Chasselas de Fontainebeau, |
| Gros Colman, | Duchess of Buccleuch, |
| Lady Downe's Seedling, | Foster's Seedling, |
| Black Muscat, | Golden Hamburgh. |

1-year-old vines, $1.00 each; $10.00 per doz.
Strong 2-year-old vines, $2.00 each; $20.00 per doz.

## GOOSEBERRIES.

Two year old plants too large to mail.

| | Each. | Per doz. | Per 100 |
|---|---|---|---|
| Columbus | $0.30 | $3.00 | |
| Red Jacket | 25 | 2.50 | |
| Keepsake | 25 | 2.00 | |
| Downing | 15 | 1.50 | $7.00 |
| Houghton | 10 | 1.00 | 5.00 |
| Industry | 25 | 2.50 | |

## HARDY ORANGE.

(CITRUS TRIFOLIATA.)

A grand plant for either hedges or specimen plants. A true orange and entirely hardy, having stood unprotected in a temperature of eighteen degrees below zero. It fruits freely and blooms in spring with wonderful profusion. The blooms are large, pure white and impart the same fragrance as other oranges. The fruit, though small in size compared with those in the market, are equal in beauty, but too acid to eat, although, used as lemons, make a refreshing drink.

Two to three feet. 25 cts. each; $2.50 per doz. Special quotation on large quantities.

# FRUIT TREES.

## STANDARD APPLES.

| | Each. | Doz. |
|---|---|---|
| First-class, 5 to 6 feet | .30 | $3.00 |
| Extra size, 6 to 8 feet | .40 | 4.00 |

### Summer Varieties.

Early Harvest, Red Artrachan, Sweet Bough, Yellow Transparent.

### Autumn Varieties.

Alexander, Duchess of Oldenburgh, Fall Pippin, Gravenstein, Maiden's Blush, Wealthy.

### Winter Varieties,

Baldwin, Ben Davis, R. I. Greening, King, Northern Spy, Rox Russet, Smith's Cider.

## NEW APPLES.

| | Each. | Doz. |
|---|---|---|
| Ruby Gem. Glowing Coal | .50 | $5.00 |

## CRAB APPLES.

| | | |
|---|---|---|
| First-class | .35 | $3.50 |
| Extra size | .50 | 5.00 |

**Varieties.**—Hyslop, Transcendent (the best), Red Siberian.

## PEARS STANDARDS.

| | Each. | Doz. |
|---|---|---|
| First-class | $0.75 | $ 7.50 |
| Extra size | 1.00 | 10.00 |

### Summer Varieties.

Bartlett, Clapp's Favorite, Lawson, Vermont Beauty, Wilder, Manning's Elizabeth.

### Autumn Varieties.

Duchesse d'Angouleme, Flemish Beauty, Howell, Kieffer, Le Conte, Seckel, Sheldon.

### Winter Varieties.

Beurre d'Angon. Lawrence.

## PEARS DWARFS.

| | Each. | Doz. |
|---|---|---|
| First-class | .50 | $5.00 |
| Extra size | .75 | 7.50 |

## NEW PEARS.

Koonce. Lincoln Coreless.

| | | |
|---|---|---|
| First-class | .75 | $7.50 |

## PEACHES.

### Standard Varieties.

| | Each. | Doz. |
|---|---|---|
| First-class | .25 | $2.50 |
| Extra size | .35 | 3.50 |

**Varieties.**—Amsden's June, Chair's Choice, Champion, Crawford's Early, Crawford's Late, Crosby, Early Rivers, Foster, Hale's Early, Lemon Free, Oldmixon Free, Reeves' Favorite, Stump the World.

### New Varieties.

| | Each. | Doz. |
|---|---|---|
| First-class | .50 | $5.00 |

Connecticut, Bokara, Greensboro, Triumph.

## PLUMS.

| | Each. | Doz. |
|---|---|---|
| First-class | .40 | $4.00 |
| Extra size | .60 | 6.00 |

**Varieties.**—Abundance, Berckmans, Bradshaw, Burbank, German Prune, Imperial Cage, Lombard, Moore's Egg, Moore's Arctic, Quackenboss, Yellow Egg.

### New Varieties.

| | Each. | Doz. |
|---|---|---|
| First-class | .75 | $7.50 |

Hale, Lincoln, Red June, Milton, Chas. Downing Delaware.

## CHERRIES.

| | | |
|---|---|---|
| First-class | .50 | $5.00 |

(Dukes and Morellos.) Early Richmond, English Morello, Louis Phillipe, May Duke, Olivet.

(Hearts and Bigarreans.) Black Eagle, Black Tartarian, Coe's Transparent, Gov. Wood, Napoleon, Rockport, Yellow Spanish.

## APRICOTS.

| | Each. | Doz. |
|---|---|---|
| First-class | .40 | $4.00 |

Acme, Bougoume, Harris Alexander, Alexis, Breda, J. L. Budd, Large Early, Nicholas, Roman.

## MULBERRIES.

| | Each. | Doz |
|---|---|---|
| Downing's Everbearing | .50 | 5.00 |

## QUINCES.

| | | |
|---|---|---|
| First-class | .40 | 4.00 |

Champion, Orange, Rea's Mammoth.

## TREES AND SHRUBS.

**Flowering Shrubs.**—(Each.) Berberis, Purple, 35c.; Burning Bush, 35c.; Bush Honeysuckle, 35c.; Dogwood Red, 35c.; Eleagnus, Longippes; 50c.; Golden Bell, Forsyth, 35c.; Hydrangea Grandiflora, 50c.; Japan Quince, 35c.; Lilacs, Several Sorts, 35c.; Rose of Sharon, red and white, 35c.; Snowball, common, 35c.; Spireas, assorted, 35c.; Spirea, Golden, 50c.; Syringa (Mock Orange), 35c.; Strawberry Shrub, 35c.; Tamaris, African, 35c.; White Fringe, 50c.; Tree Pæonies, $1.50.

**Magnolias.**—(Each ) Conspicua, $1.50; Glauca, 75c.; Soulangeana, $1.00; Purpurea, $1.00.

**Shade and Ornamental Trees.**—(Each.) Ash, White, 50c.; Beech, Purple-leaved, $1.00; Beech, American, 50c.; Beech, Cut-leaved, $1.00; Chestnut, American, 75c.; Chestnut Horse, Red Flowering, $1.50; Chestnut Horse, White, $1.50; Elm, American, 75c.; Dogwood White, fl., 50c.; Dogwood Red, fl., $1.00; Linden, American, 75c.; Linden, European, 75c.; Linden, Silver, $1.50; Silver Maple, $1.25; Maple, Norway, $1.25; Maple, Scarlet, 75c.; Maple, Sugar, $1.25; Maple, Weir's Cut-leaved, $1.00; Maple, Schwerdler's, $1.00; Mountain Ash, 75c.; Oak, 75c.; Golden, $2.00; Poplar, Carolina, 75c.; Tulip Tree, $1.00; Willow Laurifolia, 50c.

**Weeping Trees.**—(Deciduous.) (Each.) Weeping Beach, $1.50; Weeping Cypress, $1.00; Weeping Elm, Camperdown, $1.50; Weeping Willow, $1.00; Weeping Silver Linden, $1.50; Weeping Mulberry, $1.50.

**Evergreens.**—(Each.) Arbor Vitæ (Specimen), $1.50; Arbor Vitæ Hooveyi, 50c.; Arbor, Compacta, 50c.; Hemlocks, (Specimen), 75c.; Pine, Austrian, 75c.; Pine, Scotch, 75c.; Retinispora, Golden, $1.00; Retinospora, Silver, $1.00; Spruce, Dwarf, $1.00; Spruce, Conical, $1.50; Spruce, Norway, 75c.

**Weeping Evergreens.**—(Each.) Weeping Arbor Vitæ, $1.50; Weeping Hemlock, $1.50; Weeping Retinospora, $1.50.

**Edge Plants.**—(Per 100.) Arbor Vitæ, American, 1 to 1½ feet, $15.00; Arbor Vitæ, American, 2 to 2½ feet, $18.00; Hemlock, 1½ to 2 feet, $30.00; California Privet, 2 years, $10.00; Evergreen Thorn, 2 years, $15.00; Norway Spruce, 1½ to 2 feet, $35.00.

**Rhododendrons.**—(Each.) Grafted varieties, with buds (Hardy), $2.00; Grafted varieties, without buds (Hardy), $1.50; Unnamed varieties, without buds, $1.00.

**Herbaceous Plants.**—(Each.) Day lily blue, white or variegated foliage, each, 15 cts. Paeonias, white, rose or crimson, 25 cts. Phlox (hardy) 15 cts. Helianthus Multiflorus, 15 cts.

# Elliott's Invigorine.

## *Odorless, Convenient, Quick Acting. A Food For Lawns and Golf Links.*

The increasing demand for a Lawn and Golf Dressing that is odorless, safely applied and quick in effect, has compelled us to take up this important matter and give it a close study, which we have done, and we are pleased to state that in the production of **Elliott's Invigorine** we have produced a Lawn and Golf Fertilizer that has no equal, being convenient, portable and clean, inducing a rapid, rich green growth and a most velvety appearance. This preparation is in every way more desirable than manure, avoiding the unsightly litter, disagreeable odor and weed seeds which cause an endless annoyance. Should be sown broadcast in spring or fall, or may be applied in midsummer without injury to the grass.

**Quantity required,** 10 lbs for a plot of 300 square feet; 1000 to 1500 lbs. per acre in preparing new lawn, or ½ to ⅔ the quantity in renovating an old lawn.

**Price,** 4 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., $1.75; 100 lbs., $2.75; 200 lbs., $5.25; 1 ton, (2000 lbs.) $50.

### RAM'S HEAD BRAND FERTILIZER.

This is a pure Natural Manure, and the most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano. It is the best of all manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegatable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest, and quickest Liquid Manure. For use in liquid form, 1 pound to 5 gallons of water will make a dark liquid which can be used with safety daily if necessary. In bags of 100 pounds each, $3; ¼ ton, 5 bags, $12; per ton, 20 bags, $40. In packages of 2, 4 and 10 pounds, 15 cts., 25 cts. and 50 cts. each.

### COMPRESSED SHEEP MANURE.

Used chiefly for making liquid manure. In bags of 100 lbs., each, $3; ¼ ton, 5 bags, $12.00; per ton, 20 bags, $40.

### ASHES, UNLEACHED.

**Canada Hardwood.**

Contain all fertilizing qualities except nitrogen. Highly valued for cabbage, potatoes, onions, strawberries, fruit trees, corn, clover, beans, grass land, etc. Apply 1 to 2 tons per acre. Price per bbl., about 200 lbs., $2.25; per ton (2000 lbs.) in bbls., $20.

### NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks. Being extremely soluble it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. Price, per 5 lb. package, 30 cts.; 10 lb. package, 50 cts.

### CLAY'S FERTILIZER.

We have been appointed Sole Agents for this valuable imported manure, which is constantly increasing in popularity. It is specially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Per cwt. (112 pounds), $7; ½ cwt. (56 lbs.), $4.

### PURE FINE GROUND BONE.

This is a very pure, finely-pulverized form of ground bone, specially prepared for rose culture. It is well adapted for mixing with soil for potting purposes in the proportions of one part bone to fifty of soil. 2 lbs., 15 cts.; 4 lbs., 25 cts.; 10 lbs., 50 cts.; 100 lbs., $2.50; bag (200 lbs.), $4 25; ton, $38.00.

### MAPES' MANURES.

**Potato Manure.** For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits and sorghum. Use three bags per acre. Per bag (200 lbs,) $4.25; per ton, $39.

**Complete Manure (for Light Soils).** This is our vegetable or truck manure on all kinds of soils, light or heavy. Use broadcast; special for onions, also on light soils for asparagus, sweet potatoes, melons, tomatoes, wheat and seeding to grass. Per bag (200 lbs.) $4.25; ton, $41.

**Complete Manure (for General Use).** For use on all crops and all soils with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for oats. Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag (200 lbs.) $4; ton, $38.

**Complete Manure ("A" Brand).** For use in hill or drill on all crops, particularly in connection with farm manure. Special for peas, beans, buckwheat and turnips. Per bag (200 lbs.) $3.75; ton, $35.

**Fruit and Vine Manure.** For insuring fruiting power particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries and all small fruits. Is slow in effects. Per bag (200 lbs.) $4.25; ton, $39.

### ELLIOTT'S CONCENTRATED PLANT FERTILIZER.

A natural food for growing plants either in the window or out-door garden. Endorsed by leading amateur and professional florists throughout the country. Full directions for using accompany each package. Large package, 25 cts.; small package, 15 cts. IF TO BE SENT BY MAIL, large package, 45 cts.

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# Our Central Park Lawn Grass Mixture.

To obtain a beautiful lawn, one which is pleasing to the eye and a joy forever, you must be particular in the selection of seed, and we recommend to you our **Central Park Mixture,** which has stood foremost of any variety for the last thirty years, we being the originators of this celebrated brand.

**Price per Quart, 20c.; Peck, $1.25; Bushel, $4.50.**

## FRENCH OR EMERALD LAWN GRASS SEED.

We put up this mixture to supply the demand for a cheaper grade than our Central Park brand. This mixture is equal to any offered at the price, but we do not recommend it where the best results are wanted.

**Price per Peck, $1.00; Bushel, $3.00.**

## ELLIOTT'S "TERRACE" MIXTURE.

A special combination of grasses that produce strong roots. Such varieties as will succeed in shallow soils and withstand drought. We recommend the above for sowing on terraces, embankments and similar locations where it will produce and maintain a rich green turf throughout the season.

**Price per Quart, 30c.; Peck, $1.75; Bushel, $6.00.**

## THE PREPARATION AND CARE OF A LAWN.

A good lawn is one of the most pleasing features of a rural home, and success in its formation depends much on the preparation of the ground. This should be done by draining if necessary and digging or plowing to the depth of 6 to 12 inches according to the nature of the soil, applying at the same time a liberal quantity of well decomposed manure, bone dust or Elliott's Invigorine. We recommend the latter as being more lasting in its effects, not liable to burn the grass, and free from weeds. Before sowing the seed the ground should be thoroughly cleaned and made perfectly level, and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance that it should be well done. The ground should be evenly raked, and the seed sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four or five bushels to the acre. One quart is sufficient to sow an area of 15x20, or 300 square feet.

After sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of 2 or 3 inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months after sowing, the scythe should be used in preference to the machine. *Frequent mowing and rolling are indispensable to maintain the turf in good order.* By adapting these means a close green sward will be obtained in a short time.

**The Best Lawn Fertilizer is Elliott's Invigorine.**

Elliott's "Bowling Green Mixture" Grass Seed.